高精度数字光纤传感器
BHDME23/BHDME23M系列

只需一键即可完成设置
一键预设全新概念的简易设置方式，只需一键即可设置灵敏度并重置显示值

大功率减少人工调整时间
MEGA 传感器的功率得到提升，最终目的是减少用户在维护和设置方面的人工时间

超强功能组合
自动光增益、计数、零点迁移，百分比、抗光干扰、区域检测、上升沿下降沿、DTM、敞开常闭互换、延时等功能

100μs高速响应速度

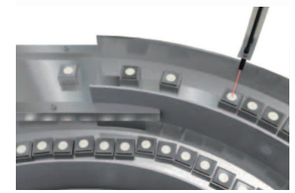
四种应用模式灵活选择
（MEGA\SUPER\FINE\HIGH SPEED）

开关量与模拟量选择；单信号与双信号选择；常开常闭互换

完善的电路保护
逆电极、过电流保护

超强稳定性

应用示例



检测LED灯珠的正反面

40mm检测区域内对细小物体的精准检测及计数检测

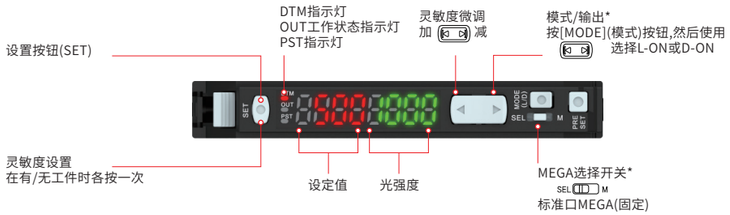
产品规格

高精度数字光纤传感器参数

类型		开关量单路输出	4-20mA电流模拟量输出
型号	NPN	BHDME23	BHDME23M
	PNP	BHDME23P	BHDM23MP
电缆/连接器		电缆	
光源		红色发光二极管LED管体	
响应时间		MAGA 响应时间8ms　打开加强抗光干扰响应时间为13ms SUPER响应时间8ms　打开加强抗光干扰响应时间为1.6ms FINE响应时间250us　打开加强抗光干扰响应时间为400us SHSP响应时间50us　打开加强抗光干扰响应时间为200us	
输出选择		LIGHT-ON/DARK-ON（开关选择）	
延时功能		断开延时计时器/开启延时计时器/单次计时器	
控制输出	NPN输出	NPN集电极开路24V；输出最大值：100mA；残留电压：1.5V	
	PNP输出	PNP集电极开路24V；输出最大值：100mA；残留电压：15V	
保护电路		逆电极保护（电源）、过电流保护（输出）、过电压（输出）	
电源电压		12-24VDC±10%，纹波电压（P-P）最大10%	
NPN		正常：最大900mW（24V时，最大36mA;12V时，最大48mA）　节能模式：最大800mW（24V时，最大32mA；12V时，最大39mA） 注：使用“高速”模式时，功率消耗将增加160mW（7mA）	
PNP		正常：最大950mW（24V时，最大39mA;12V时，最大52mA）　节能模式：最大850mW（24V时，最大35mA；12V时，最大44mA） 注：使用“高速”模式时，功率消耗将增加160mW（7mA）	
环境耐性	工作环境亮度	白炽灯：最大20000Lux; 日光：最大30000Lux	
	工作环境温度	20至+55°C（无冻结）	
	工作环境湿度	35至+85°C（无凝结）	
	抗振性	10至55Hz，复合振幅1.5mm，X、Y、Z轴方向各2小时	
	抗震性	500m/s²，X、Y、Z轴方向各3次	
外壳材料		聚碳酸酯	
尺寸		30.3mt（H）×9.8mm（W）×71.8mm（D）	
重量		约50g	

各部件名称

FM-E23



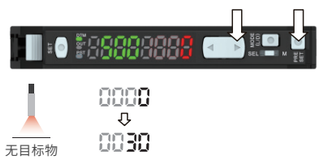
产品优势

灵敏度设置(两点调整)

只需在有目标物和没有目标物的情况下各按一次 SET按钮,即可完成设置。

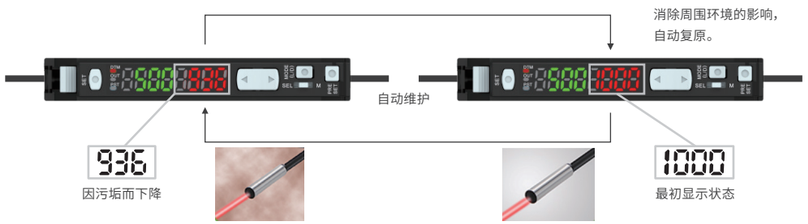
零点迁移

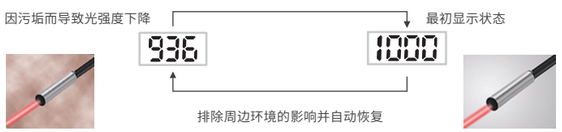
将显示值归零变得更简单。只需同时按下 PRESET和 RIGHT按钮。



DATUM 功能自动维护

自动维护功能可察觉光亮度因污垢或其他原因而下降,并将传感器复原到最初的显示状态。该功能可消除周围环境的影响,使传感器能够持续进行高精度检测。

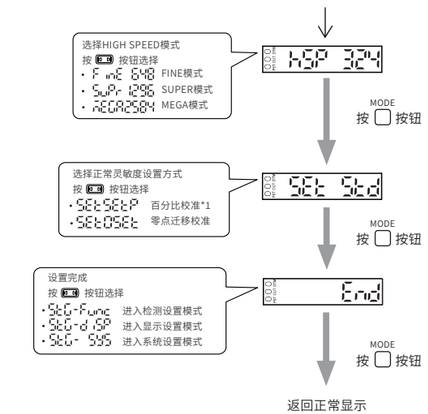




功能配置

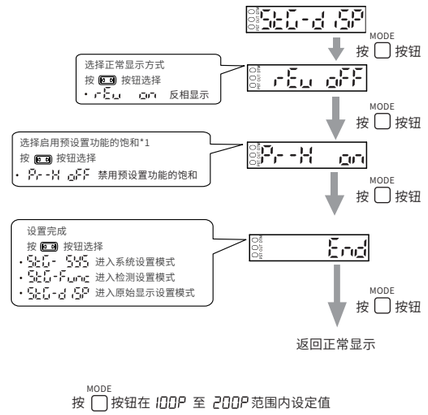
系统设置

MODE
按住 (模式)按钮保持 3 秒或更长时间



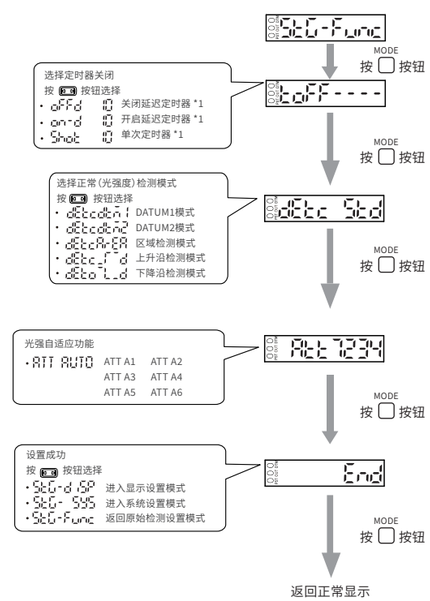
*1 您可以按 MODE 按钮在-99P 至 99P 范围内设定值

显示设置



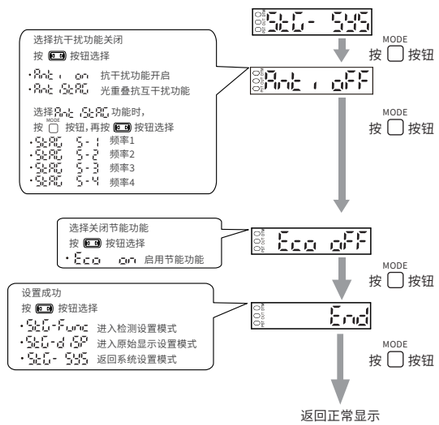
按 MODE 按钮在 100P 至 200P 范围内设定值

检测设置



*1 按 MODE 按钮在 1 至 9999 (ms) 范围内设定值
*2 可在1 至 100 范围设定

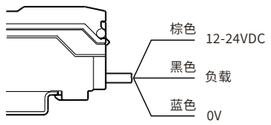
系统设置



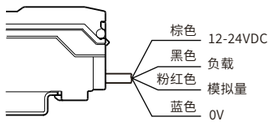
BitSENSE

接线图

BHDME23

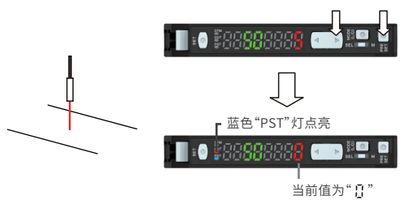


BHDME23M



零点迁移功能

此功能主要用于反射型。
同时按[PRESET](预设置)按钮和[▶]按钮。
当前值设置为“ 0 ”。



提示

零点迁移功能发挥的便捷作用
此功能主要用于针对反射型光纤单元将当前值设置为“ 0 ”。
先安装反射型光纤单元后，光强度有时未设置为“ 0 ”。
如果出现这种情况，在无工件时使用零点迁移功能将值设置为“ 0 ”，
如此可使光强差更为显而易见。

光强自适应功能

ATT-AUTO在设定时，放大器自动计算出设定位置的光强度，并自动调节硬件信号链路及软件算法，选择合适的检测精度。A1-A6适合不同的检测距离，A1-A6适合的距离为由远到近。在不选择放大器自动调节时，可以自由选择A1-A6不同的检测精度链路。推荐使用AUTO功能。

光功率自动补偿功能

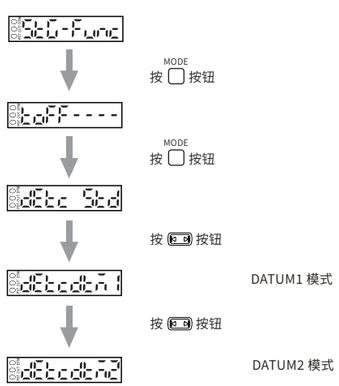
通过侧灯检测，自动调整发射功率，保持发射功率稳定。

DATUM模式

DATUM模式对射型适用于接收到的光强度逐渐变化的环境。
例如，光纤模块易受污染或大幅温度变化影响的环境。
DATUM模式反射型只适用于反射背景比较强，且目标物反射很弱的环境例
如白布上的黑色纽扣。
在DATUM模式下，在无工件的情况下接收到的光强度始终校正为“ 000 ”
(对于DATUM1)或“ 0 ”(DATUM2)。

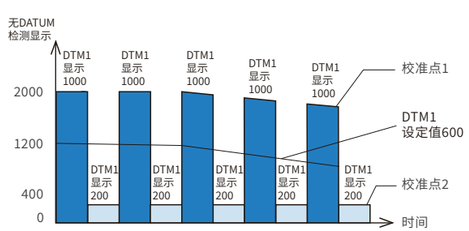
此外，设定值也会根据校正量进行校正，以便设定值和接收到的光强度之比
保持不变，从而实现稳定检测。设定值的显示不会发生变化。

进入DATUM的操作模式



DATUM1 模式下的灵敏度设定

下面的灵敏度设定步骤是两点校准的一个示例(其中，当工件不存在时，
接收到的光强度为“ 000 ”；当工件存在时，接收到的光强度为“ 200 ”)。

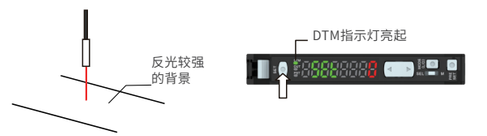


下面的灵敏度设定步骤是两点校准的一个示例(其中，当工件不存在时，
接收到的光强度为“ 000 ”；当工件存在时，接收到的光强度为“ 200 ”)。

对射 和 反射 型一致

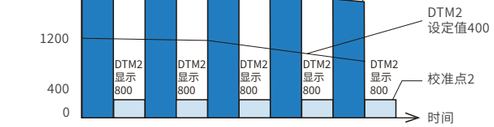
在无工件存在的情况下，按[SET](设定)按钮

校准点1



在无工件存在的情况下，按[SET](设定)按钮

校准点2



在全光接收状态下接收的光强度显示“ 0 ”

注意：如果在无工件的情况下显示的值大于“ 0 ”，并且在经过30秒后未达到“ 0 ”，请按[PRESET](预设定)按钮。这样会将接收到的光强度校正为“ 0 ”。当接收到的光强度停止闪烁时，则校正已完成。

DATUM2 模式下的灵敏度设定

下面的灵敏度设定步骤是两点校准的一个示例(其中，当工件不存在时，
接收到的光强度为“ 0 ”；当工件存在时，接收到的光强度为“ 800 ”)。

对射 和 反射 型一致

在无工件存在的情况下，按[SET](设定)按钮

校准点1

在无工件存在的情况下，按[SET](设定)按钮

校准点2

在全光接收状态下接收的光强度显示“ 0 ”

注意：如果在无工件的情况下显示的值大于“ 0 ”，并且在经过30秒后未达到“ 0 ”，请按[PRESET](预设定)按钮。这样会将接收到的光强度校正为“ 0 ”。当接收到的光强度停止闪烁时，则校正已完成。

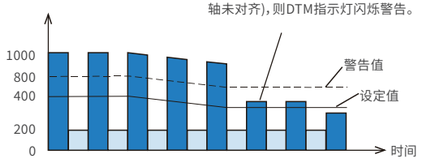
BitSENSE

DATUM模式

更改警告输出电平

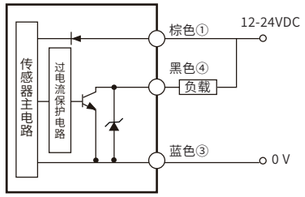
DATUM警告值为无工件接受到的光强度和设定值的中间值，如果接收到的光强度介于警告值和设定值之间时，接收到的光强度会停止校正，并且DTM指示灯闪烁警告。

如果在无工件情况下接收到的光强度没有上升到警告值(例如，由于光轴未对齐)，则DTM指示灯闪烁警告。

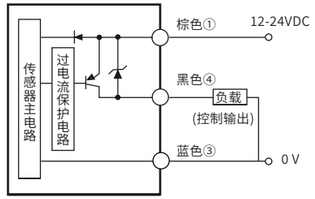


输入/输出电路图

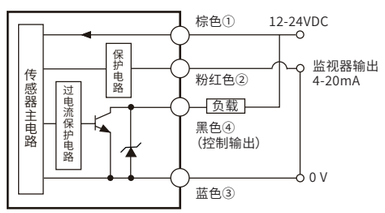
NPN
BHDME23



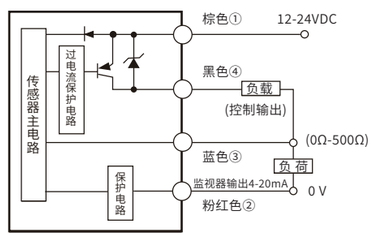
PNP
BHDME23P

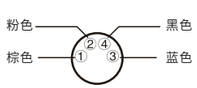


NPN
BHDME23M



PNP
BHDME23MP





外接M8连接器

M8连接器

初始化设置

初始化方式

1. 同时按住[SET]（设置）和[PRESET]（预设置）按钮保持3秒时间

按住保持 3 秒或更长时间

2. 使用 选择“ rSt ”，然后按[MODE]（模式）按钮。
3. 使用 选择“ in it ”，然后按[MODE]（模式）按钮。

完成初始化后，模块重新显示当前值。

初始设置

设置	初始值
功率模式	FINE
检测模式	Std(正常)
设定值	200
输出切换	L-on

输出切换

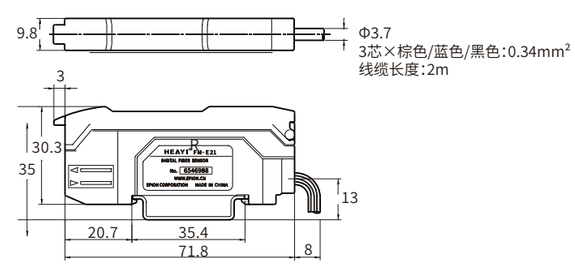
可选模式为入光动作（L-on）或遮光动作（D-on）

1. 显示当前值时，按[MODE](模式)按钮。

2. 使用 切换输出（ L-on d-on ），然后再按一次[OMDE]（模式）按钮。
完成输出切换后，模块重现显示当前值。

尺寸规格

BHDME23/E23M



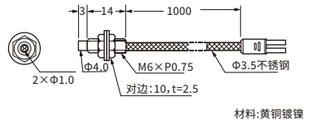
光纤选型表

- 通用套管型
- 直角型
- 侧视型
- 平板支架型
- 区域&矩阵型
- 槽型
- 窗口型
- 限定&回归反射型
- 耐化学腐蚀型
- 液位型
- 耐高温型
- 光纤聚焦镜

注:光纤参数图仅供参考,更新后稍有不同,具体以实物为准

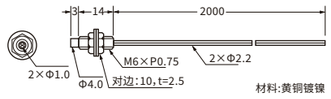
通用套管型-反射型

BOZD057



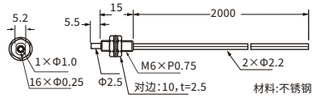
最小弯曲半径:R10
耐温:-40至+70°C

BOZD076



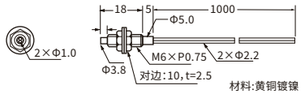
最小弯曲半径:R25
耐温:-40至+70°C

BOZD080



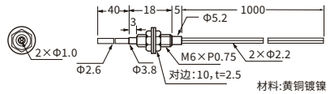
最小弯曲半径:R25
耐温:-40至+70°C

BOZD159



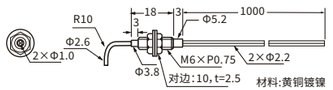
最小弯曲半径:R25
耐温:-40至+70°C

BOZD161



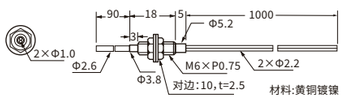
最小弯曲半径:R25
耐温:-40至+70°C

BOZD162



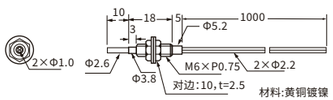
最小弯曲半径:R25
耐温:-40至+70°C

BOZD163



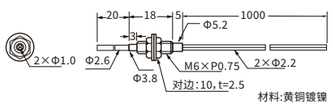
最小弯曲半径:R25
耐温:-40至+70°C

BOZD165



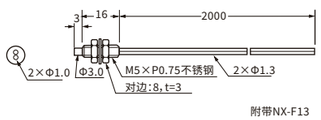
最小弯曲半径:R25
耐温:-40至+70°C

BOZD166



最小弯曲半径:R25
耐温:-40至+70°C

BOZD093

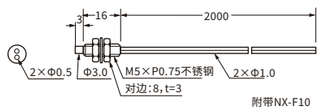


最小弯曲半径:R15
耐温:-40至+70°C

BitSENSE

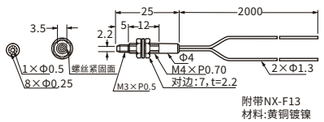
通用套管型-反射型

BOZD094



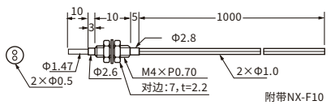
最小弯曲半径:R10
耐温:-40至+70°C

BOZD096



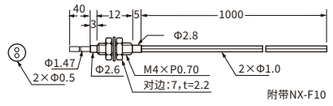
最小弯曲半径:R15
耐温:-40至+70°C

BOZD183



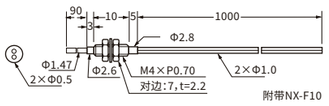
最小弯曲半径:R10
耐温:-40至+70°C

BOZD184



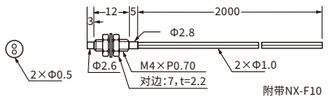
最小弯曲半径:R10
耐温:-40至+70°C

BOZD185



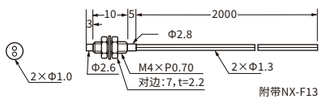
最小弯曲半径:R15
耐温:-40至+70°C

BOZD186



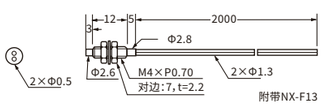
最小弯曲半径:R10
耐温:-40至+70°C

BOZD193



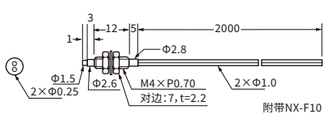
最小弯曲半径:R15
耐温:-40至+70°C

BOZD195



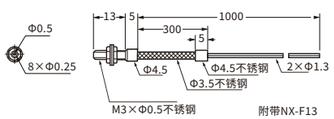
最小弯曲半径:R15
耐温:-40至+70°C

BOZD197



最小弯曲半径:R5
耐温:-40至+70°C

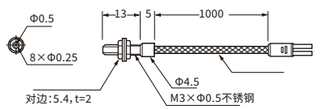
BOZD059



最小弯曲半径:R10
耐温:-40至+70°C

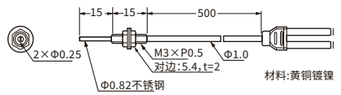
通用套管型-反射型

BOZD062



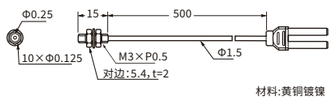
最小弯曲半径:R10
耐温:-40至+70°C

BOZD069



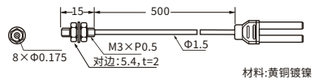
最小弯曲半径:R4
耐温:-40至+70°C

BOZD070



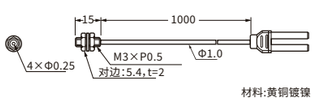
最小弯曲半径:R4
耐温:-40至+70°C

BOZD071



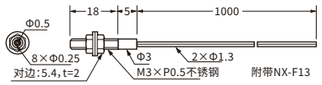
最小弯曲半径:R4
耐温:-40至+70°C

BOZD072



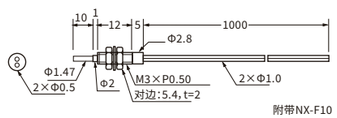
最小弯曲半径:R4
耐温:-40至+70°C

BOZD110



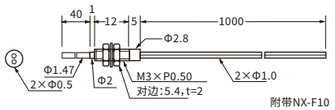
最小弯曲半径:R10
耐温:-40至+70°C

BOZD199



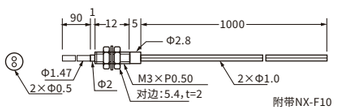
最小弯曲半径:R10
耐温:-40至+70°C

BOZD200



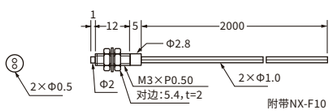
最小弯曲半径:R10
耐温:-40至+70°C

BOZD201



最小弯曲半径:R10
耐温:-55至+70°C

BOZD202

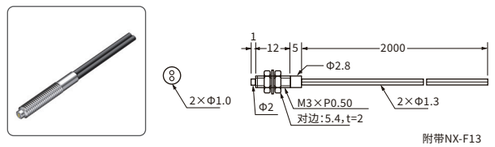


最小弯曲半径:R10
耐温:-40至+70°C

通用套管型

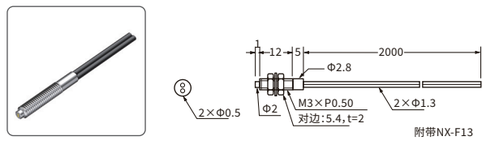
通用套管型-反射型

BOZD210



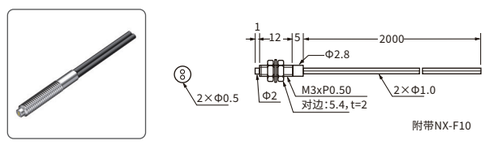
最小弯曲半径:R25
耐温:-40至+70°C

BOZD212



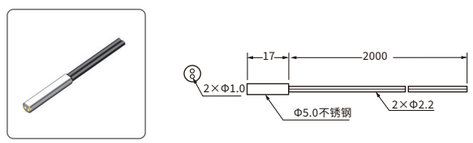
最小弯曲半径:R15
耐温:-40至+70°C

BOZD214



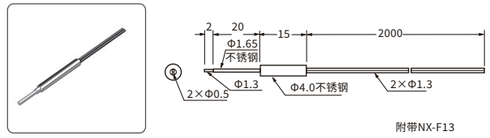
最小弯曲半径:R10
耐温:-40至+70°C

BOZD127



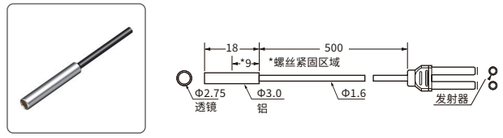
最小弯曲半径:R25
耐温:-40至+70°C

BOZD130



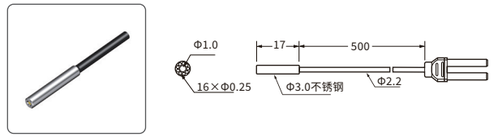
最小弯曲半径:R15
耐温:-40至+70°C

BOZD063



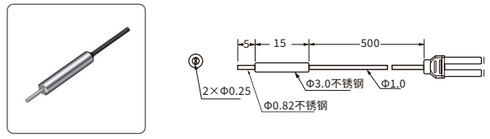
最小弯曲半径:R10
耐温:-40至+70°C

BOZD064



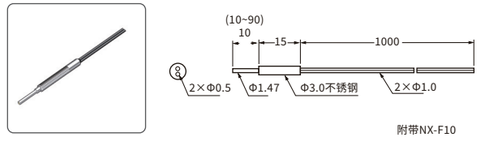
最小弯曲半径:R25
耐温:-40至+70°C

BOZD067



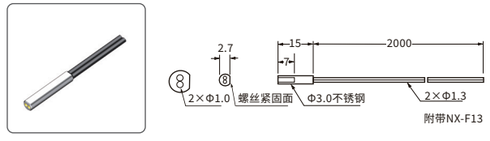
最小弯曲半径:R4
耐温:-40至+70°C

BOZD131



最小弯曲半径:R10
耐温:-40至+70°C

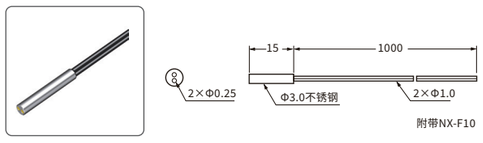
BOZD135



最小弯曲半径:R15
耐温:-40至+70°C

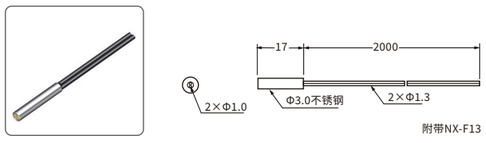
通用套管型-反射型

BOZD142



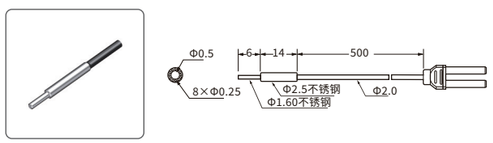
最小弯曲半径:R4
耐温:-40至+70°C

BOZD276



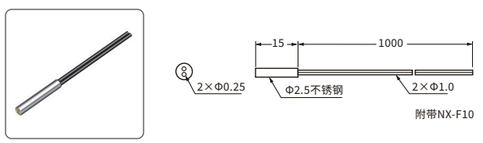
最小弯曲半径:R15
耐温:-40至+70°C

BOZD066



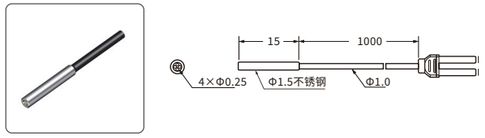
最小弯曲半径:R4
耐温:-40至+70°C

BOZD155



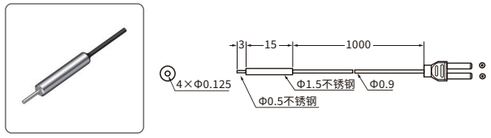
最小弯曲半径:R4
耐温:-40至+70°C

BOZD065



最小弯曲半径:R4
耐温:-40至+70°C

BOZD068



最小弯曲半径:R4
耐温:-40至+70°C

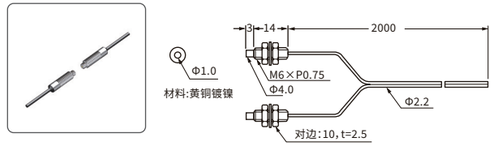
光纤选型

BitSENSE

通用套管型

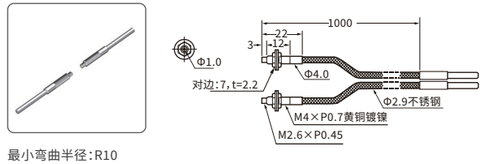
通用套管型-对射型

BOZT059



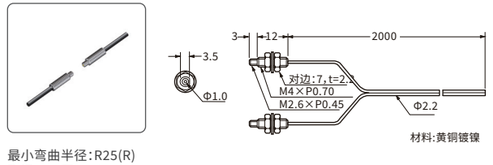
最小弯曲半径:R25
耐温:-40至+70°C

BOZT057



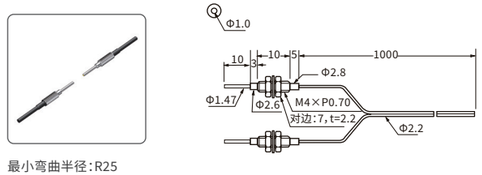
最小弯曲半径:R10
耐温:-40至+70°C

BOZT064(R)



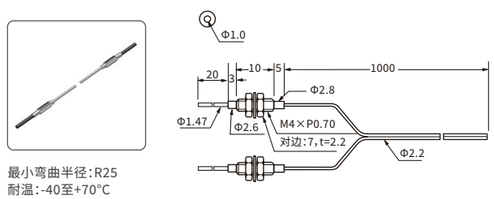
最小弯曲半径:R25(R)
耐温:-40至+70°C

BOZT120



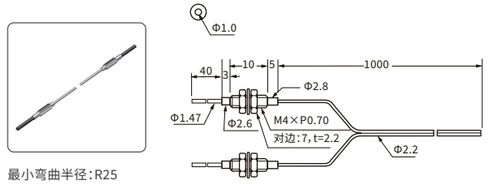
最小弯曲半径:R25
耐温:-40至+70°C

BOZT127



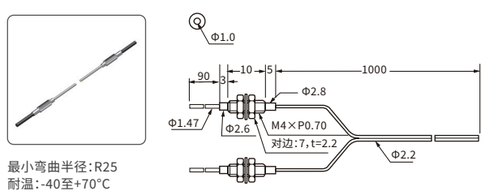
最小弯曲半径:R25
耐温:-40至+70°C

BOZT128



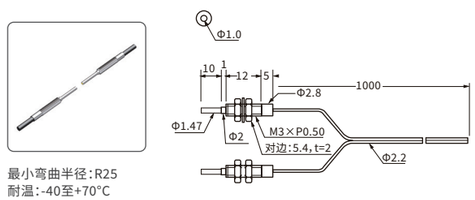
最小弯曲半径:R25
耐温:-40至+70°C

BOZT129



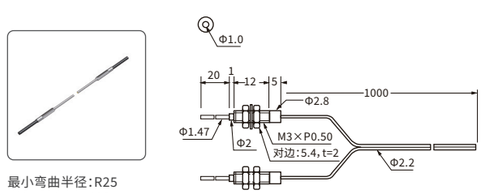
最小弯曲半径:R25
耐温:-40至+70°C

BOZT140



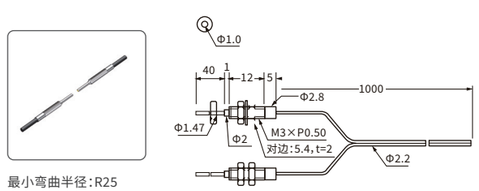
最小弯曲半径:R25
耐温:-40至+70°C

BOZT141



最小弯曲半径:R25
耐温:-40至+70°C

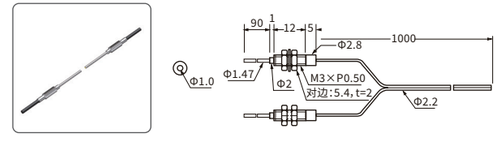
BOZT142



最小弯曲半径:R25
耐温:-40至+70°C

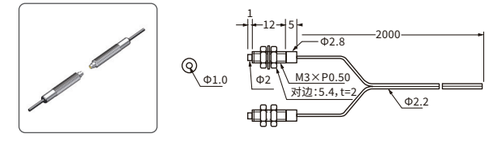
通用套管型-对射型

BOZT143



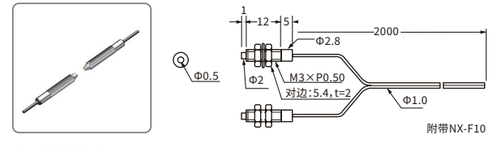
最小弯曲半径:R25
耐温:-40至+70°C

BOZT144



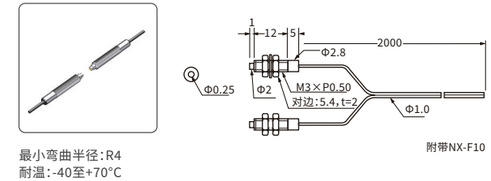
最小弯曲半径:R25
耐温:-40至+70°C

BOZT150



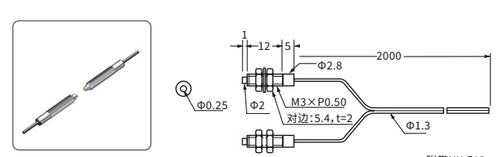
最小弯曲半径:R10
耐温:-40至+70°C

BOZT152



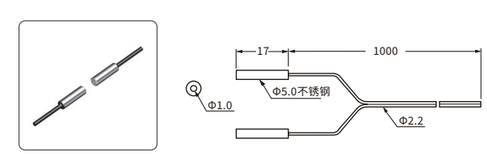
最小弯曲半径:R4
耐温:-40至+70°C

BOZT160



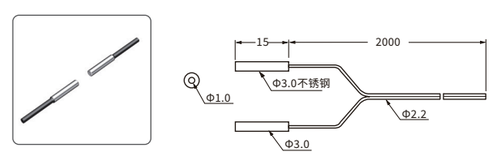
最小弯曲半径:R10
耐温:-40至+70°C

BOZT089



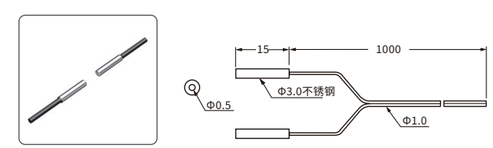
最小弯曲半径:R25
耐温:-40至+70°C

BOZT094



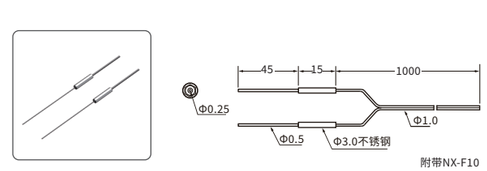
最小弯曲半径:R25
耐温:-40至+70°C

BOZT099



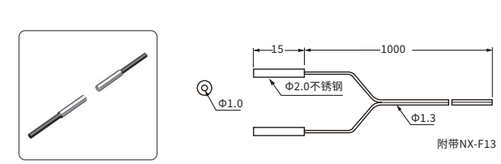
最小弯曲半径:R10
耐温:-40至+70°C

BOZT101



最小弯曲半径:R4
耐温:-40至+70°C

BOZT112

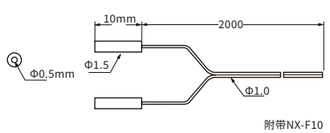


最小弯曲半径:R15
耐温:-40至+70°C

BitSENSE

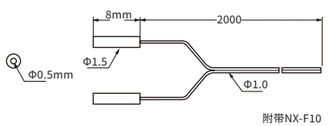
通用套管型-对射型

BOZT164



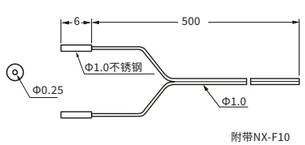
最小弯曲半径:R10
耐温:-40至+70°C

BOZT163



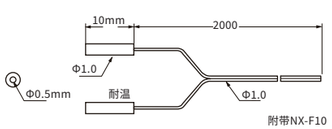
最小弯曲半径:R10
耐温:-40至+70°C

BOZT118



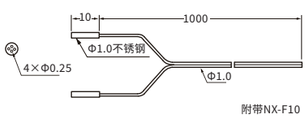
最小弯曲半径:R4
耐温:-40至+70°C

BOZT165



最小弯曲半径:R10
耐温:-40至+70°C

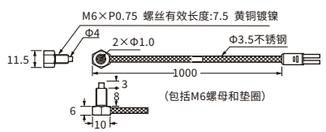
BOZT119



最小弯曲半径:R4
耐温:-40至+70°C

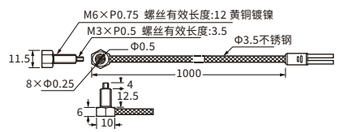
直角型-反射型

BOZD056



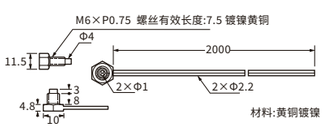
最小弯曲半径:R10
耐温:-40至+70°C

BOZD058



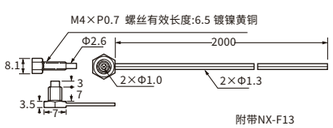
最小弯曲半径:R10
耐温:-40至+70°C

BOZD075(R)



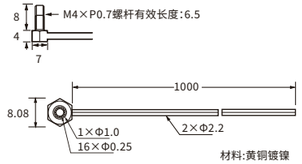
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZD099(R)



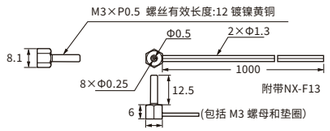
最小弯曲半径:R15
耐温:-40至+70°C

BOZD233R



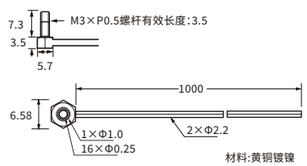
最小弯曲半径:R15
耐温:-40至+70°C

BOZD123



最小弯曲半径:R15
耐温:-40至+70°C

BOZD232R

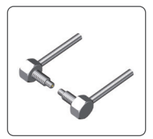


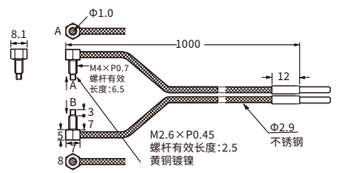
最小弯曲半径:R15
耐温:-40至+70°C

BitSENSE

直角型-对射型

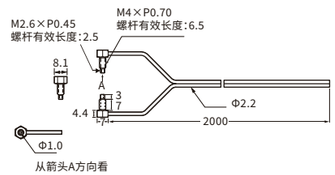
BOZT056(R)





最小弯曲半径:R10
耐温:-40至+70°C

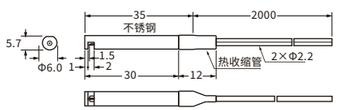
BOZT068(R)



最小弯曲半径:R25(R2)
耐温:-40至+70°C

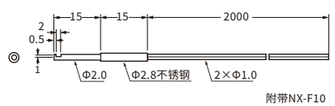
侧视型-反射型

BOZD053



最小弯曲半径:R25
耐温:-40至+70°C

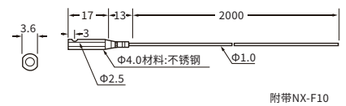
BOZD049



最小弯曲半径:R10
耐温:-40至+70°C

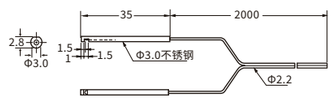
侧视型-对射型

BOZT041



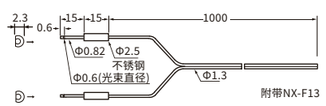
最小弯曲半径:R10
耐温:-40至+70°C

BOZT051



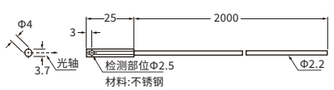
最小弯曲半径:R25
耐温:-40至+70°C

BOZT046



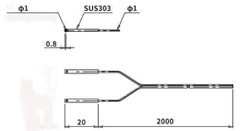
最小弯曲半径:R15
耐温:-40至+70°C

BOZT042

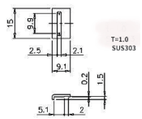


最小弯曲半径:R4
耐温:-40至+70°C

BOZT18M



最小弯曲半径:R10
耐温:-40至+70°C

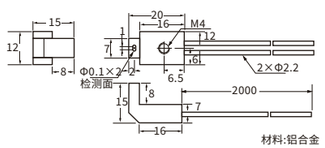


注:安装支架(选配件)

BitSENSE

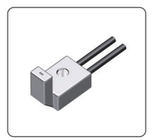
平板支架型-反射型

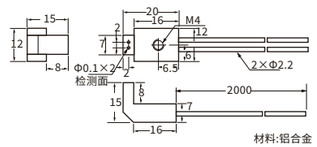
BOZD032(R)



最小弯曲半径:R25(R2)
耐温:-40至+70°C

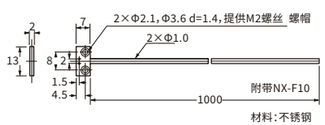
BOZD033(R)





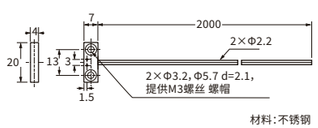
:R25(R2)
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZD034(R)



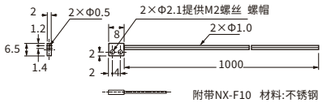
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZD035(R)



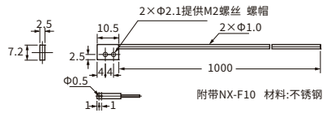
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZD036(R)



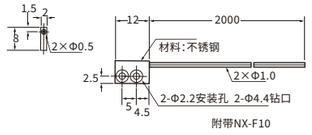
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZD037(R)



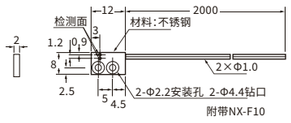
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZD038(R)



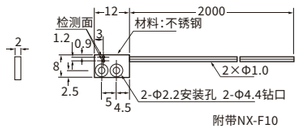
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZD039(R)



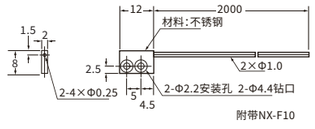
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZD040(R)



最小弯曲半径:R10(R1)
耐温:-40至+70°C

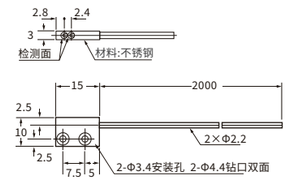
BOZD041



最小弯曲半径:R4
耐温:-40至+70°C

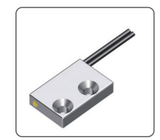
平板支架型-反射型

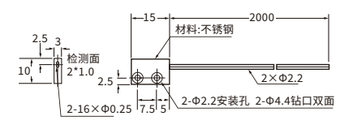
BOZD042(R)



最小弯曲半径:R25(R2)
耐温:-40至+70°C

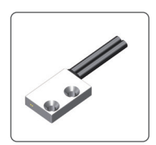
BOZD043

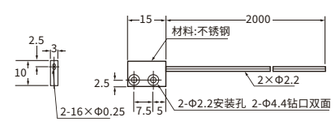




最小弯曲半径:R25
耐温:-40至+70°C

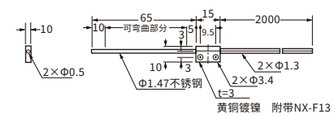
BOZD044(R)





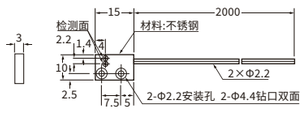
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZD046



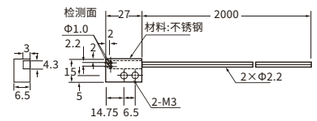
最小弯曲半径:R15
耐温:-40至+70°C

BOZD047(R)



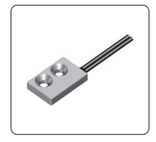
最小弯曲半径:R25(R2)
耐温:-40至+70°C

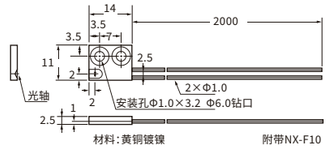
BOZD256H



最小弯曲半径:R25
耐温:-40至+105°C

BOZD017



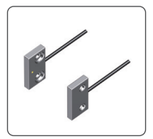


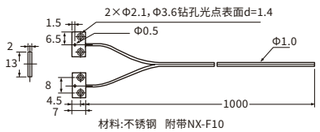
最小弯曲半径:R10
耐温:-40至+70°C

BitSENSE

平板支架型-对射型

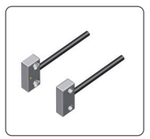
BOZT024(R)

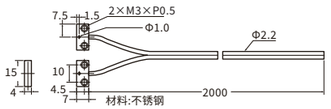




最小弯曲半径:R10(R1)
耐温:-40至+70°C

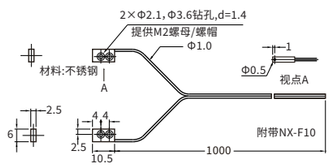
BOZT025(R)





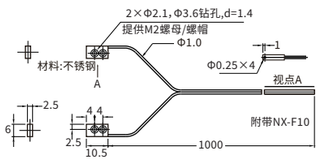
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZT026(R)



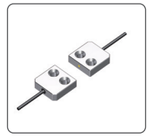
最小弯曲半径:R10(R1)
耐温:-40至+70°C

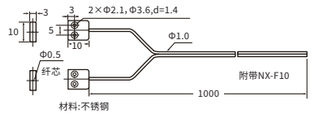
BOZT027



最小弯曲半径:R4
耐温:-40至+70°C

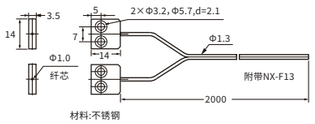
BOZT028(R)





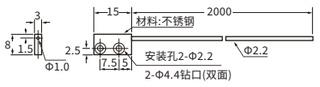
最小弯曲半径:R10(R1)
耐温:-40至+70°C

BOZT029(R)



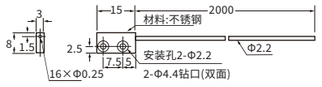
最小弯曲半径:R15(R2)
耐温:-40至+70°C

BOZT030(R)



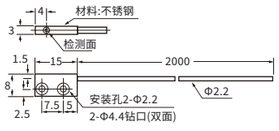
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZT031



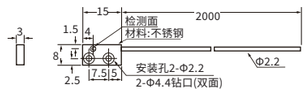
最小弯曲半径:R4
耐温:-40至+70°C

BOZT032(R)



最小弯曲半径:R25(R1)
耐温:-40至+70°C

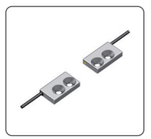
BOZT033

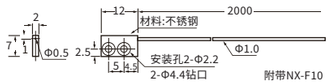


最小弯曲半径:R25(R1)
耐温:-40至+70°C

平板支架型-对射型

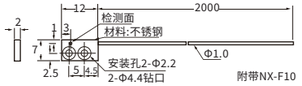
BOZT034





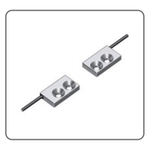
最小弯曲半径:R10
耐温:-40至+70°C

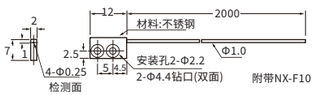
BOZT035(R)*



最小弯曲半径:R10(R1)
耐温:-40至+70°C

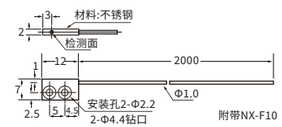
BOZT036





最小弯曲半径:R4
耐温:-40至+70°C

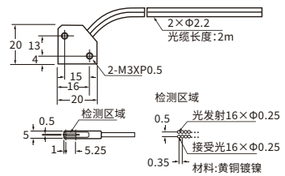
BOZT037(R)*



最小弯曲半径:R10(R1)
耐温:-40至+70°C

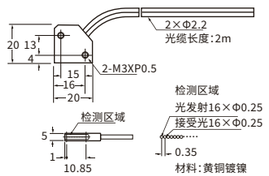
区域&矩阵型-反射型

BOZD020



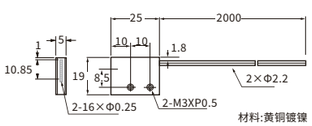
最小弯曲半径:R4
耐温:-40至+70°C

BOZD021



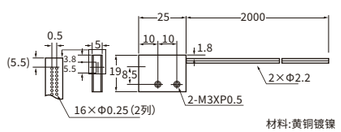
最小弯曲半径:R4
耐温:-40至+70°C

BOZD022



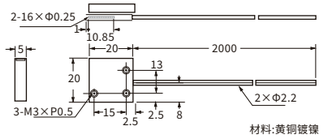
最小弯曲半径:R15
耐温:-40至+70°C

BOZD023



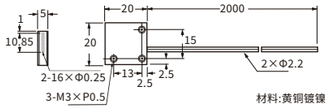
最小弯曲半径:R15
耐温:-40至+70°C

BOZD024



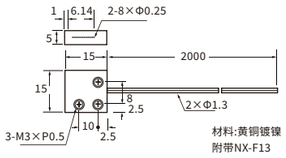
最小弯曲半径:R15
耐温:-40至+70°C

BOZD025



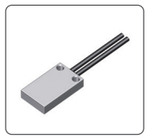
最小弯曲半径:R15
耐温:-40至+70°C

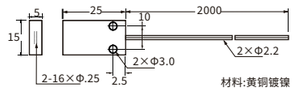
BOZD026



最小弯曲半径:R15
耐温:-40至+70°C

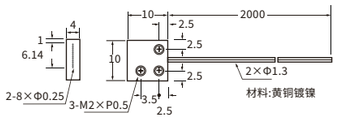
BOZD027





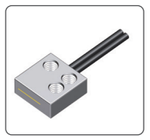
最小弯曲半径:R15
耐温:-40至+70°C

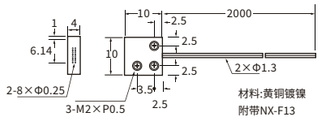
BOZD030



最小弯曲半径:R15
耐温:-40至+70°C

BOZD031



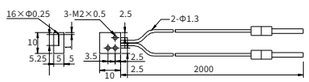


最小弯曲半径:R15
耐温:-40至+70°C

区域&矩阵型

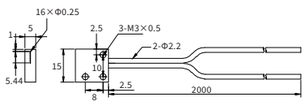
区域&矩阵型-反射型

BOZD10ML



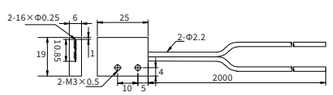
最小弯曲半径:R15
耐温:-40至+70°C

BOZD15ML



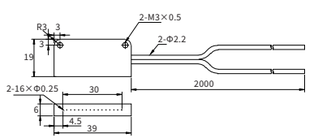
最小弯曲半径:R15
耐温:-40至+70°C

BOZD20ML



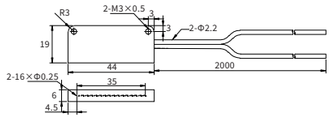
最小弯曲半径:R15
耐温:-40至+70°C

BOZD30ML



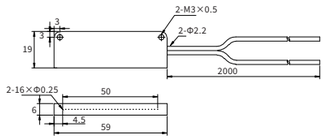
最小弯曲半径:R15
耐温:-40至+70°C

BOZD35ML



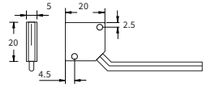
最小弯曲半径:R15
耐温:-40至+70°C

BOZD50ML



最小弯曲半径:R15
耐温:-40至+70°C

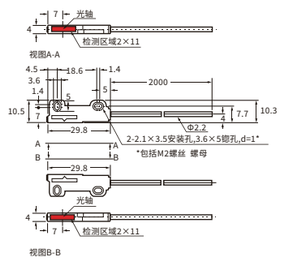
BOZDAL11



最小弯曲半径:R15
耐温:-40至+70°C

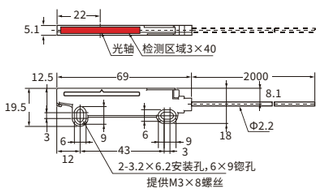
区域&矩阵型-对射型

BOZT001(R)



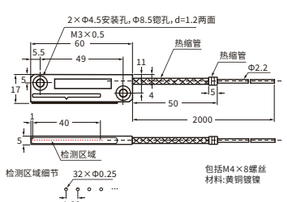
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZT002(R)



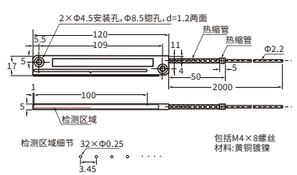
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZT003



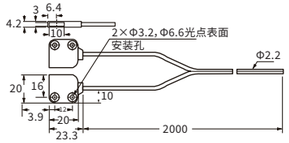
最小弯曲半径:R15
耐温:-40至+70°C

BOZT004



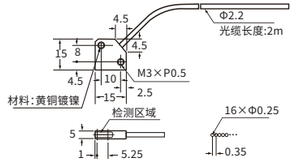
最小弯曲半径:R15
耐温:-40至+70°C

BOZT005(R)



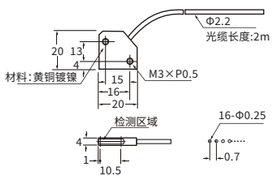
最小弯曲半径:R25(R2)
耐温:-40至+70°C

BOZT019



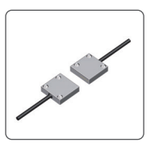
最小弯曲半径:R15
耐温:-40至+70°C

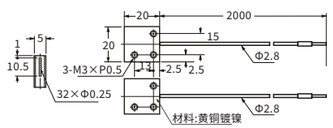
BOZT020



最小弯曲半径:R15
耐温:-40至+70°C

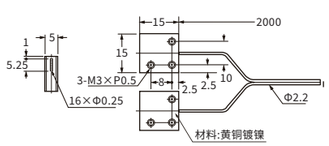
BOZT021





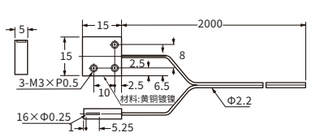
最小弯曲半径:R25
耐温:-40至+70°C

BOZT022



最小弯曲半径:R15
耐温:-40至+70°C

BOZT023

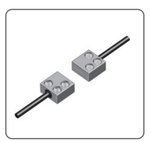


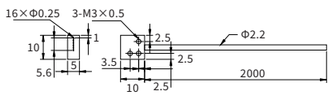
最小弯曲半径:R15
耐温:-40至+70°C

区域&矩阵型

区域&矩阵型-对射型

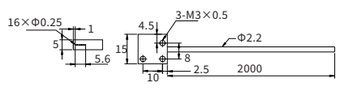
BOZT10ML





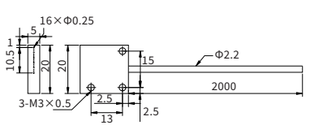
最小弯曲半径:R15
最小检测物:Φ0.5mm不透明物

BOZT15ML



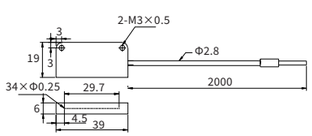
最小弯曲半径:R15
最小检测物:Φ0.5mm不透明物

BOZT20ML



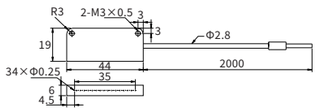
最小弯曲半径:R15
最小检测物:Φ0.5mm不透明物

BOZT30ML



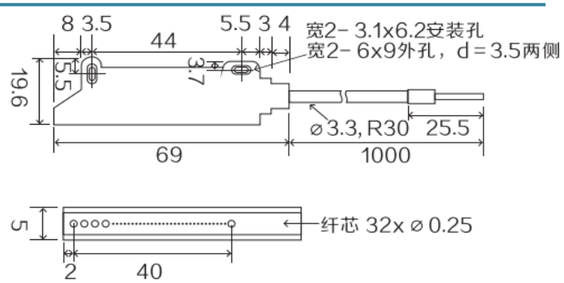
最小弯曲半径:R15
最小检测物:Φ3.0mm不透明物

BOZT35ML



最小弯曲半径:R15
最小检测物:Φ4.0mm不透明物

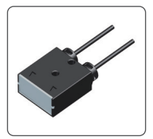
BOZTE40

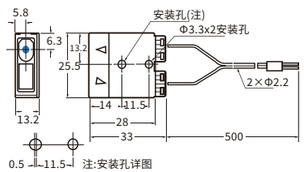


检测距离	3000
检测精度	⌀1

限定反射&异型尺寸

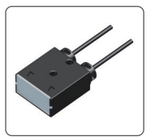
BOZD001(EB-C42)

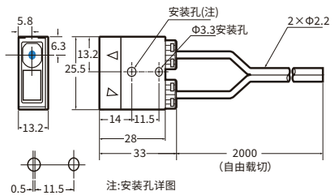




最小弯曲半径:R25
耐温:-40至+70°C

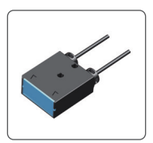
BOZD002(EB-C40)

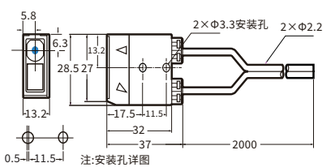




最小弯曲半径:R25
耐温:-40至+70°C

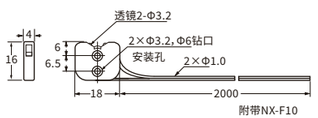
BOZD003(EB-C41)





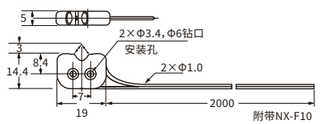
最小弯曲半径:R15
耐温:-40至+70°C

BOZD007



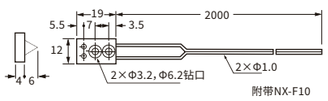
最小弯曲半径:R10
耐温:-40至+70°C

BOZD008



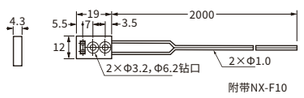
最小弯曲半径:R10
耐温:-40至+70°C

BOZD009



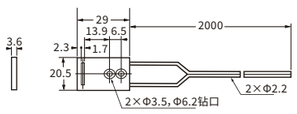
最小弯曲半径:R10
耐温:-40至+70°C

BOZD010



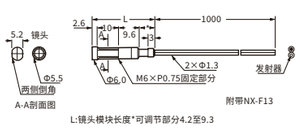
最小弯曲半径:R10
耐温:-40至+70°C

BOZD011



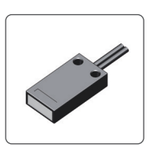
最小弯曲半径:R5
耐温:-40至+70°C

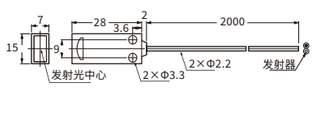
BOZD012(EB-C10)



最小弯曲半径:R15
耐温:-40至+70°C

BOZD013(EB-C12)



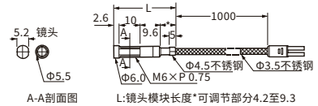


最小弯曲半径:R25
耐温:-40至+70°C

限定反射&异型尺寸

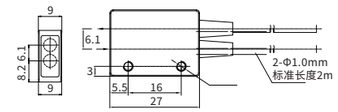
限定反射&异型尺寸

BOZD014



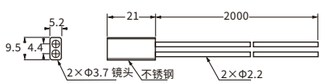
最小弯曲半径:R25
耐温:-40至+70°C

BOZR016



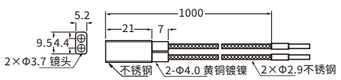
最小弯曲半径:R10
耐温:-40至+70°C

BOZD018



最小弯曲半径:R2
耐温:-40至+70°C

BOZD019

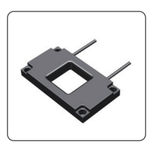


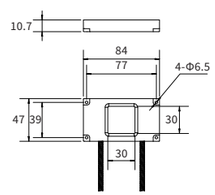
最小弯曲半径:R10
耐温:-40至+70°C

BitSENSE

窗口型

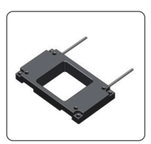
BOZKU3030

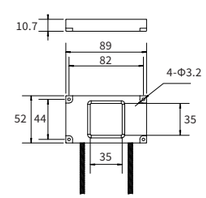




最小弯曲半径:R60
最小检测物:Φ16mm

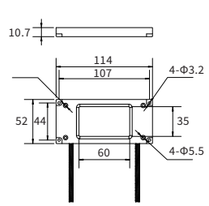
BOZKU3535





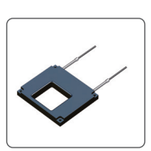
最小弯曲半径:R60
最小检测物:Φ11mm

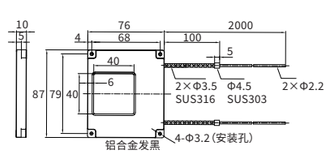
BOZKU3560



最小弯曲半径:R60
最小检测物:Φ11mm

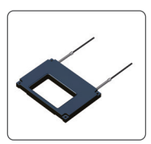
BOZKU4040

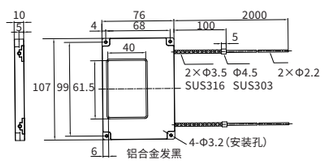




最小弯曲半径:R25
耐温:-40至+350°C

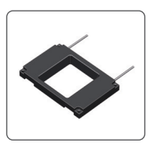
BOZKU4060

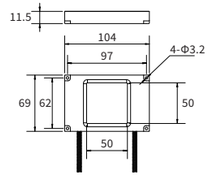




最小弯曲半径:R25
耐温:-40至+350°C

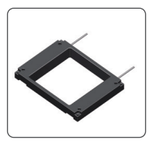
BOZKU5050

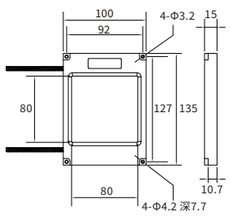




最小弯曲半径:R60
最小检测物:Φ16mm

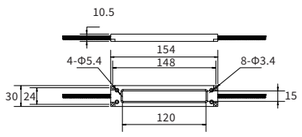
BOZKU8080





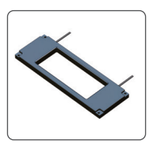
最小弯曲半径:R60
最小检测物:Φ16mm

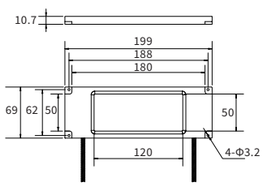
BOZKU15120



最小弯曲半径:R60
最小检测物:Φ16mm

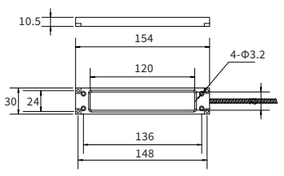
BOZKU50120





最小弯曲半径:R60
最小检测物:Φ16mm

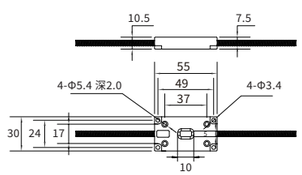
BOZKU21120



最小弯曲半径:R60
最小检测物:Φ16mm

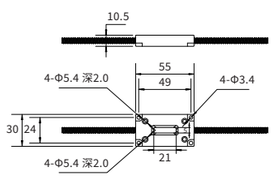
窗口型

BOZKU0510



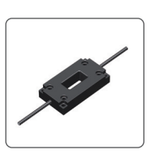
最小弯曲半径:R60
最小检测物:Φ1mm

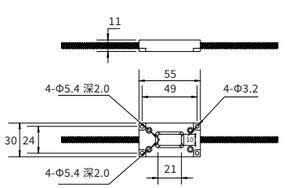
BOZKU0521



最小弯曲半径:R60
最小检测物:Φ1mm

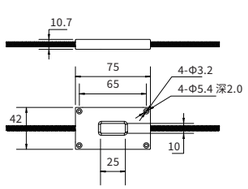
BOZKU1021





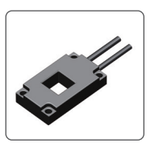
最小弯曲半径:R60
最小检测物:Φ5mm

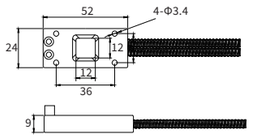
BOZKU1025



最小弯曲半径:R60
最小检测物:Φ10mm

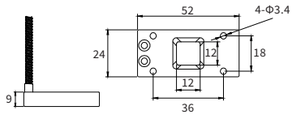
BOZKU1212B





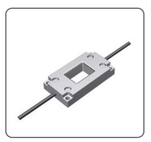
最小弯曲半径:R60
最小检测物:Φ1mm

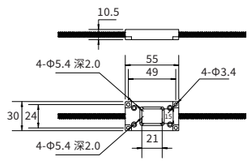
BOZKU1212D



最小弯曲半径:R60
最小检测物:Φ1mm

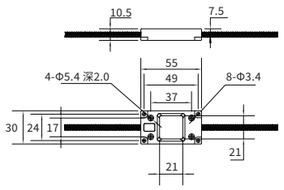
BOZKU1521





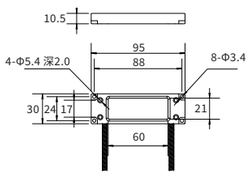
最小弯曲半径:R60
最小检测物:Φ5mm

BOZKU2121



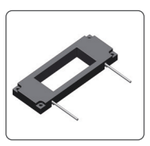
最小弯曲半径:R60
最小检测物:Φ7mm

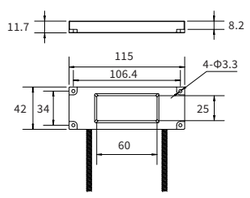
BOZKU2160



最小弯曲半径:R60
最小检测物:Φ7mm

BOZKU2560

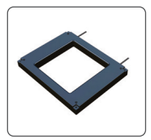


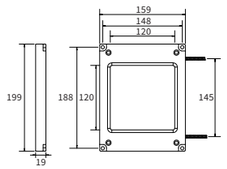


最小弯曲半径:R60
最小检测物:Φ8mm

窗口型

BOZKU120120

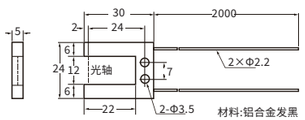




最小弯曲半径:R60
最小检测物:Φ40mm

槽型-对射型

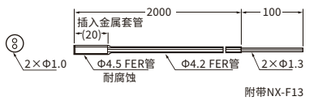
BOZT006



最小弯曲半径:R30
耐温:-40至+70°C

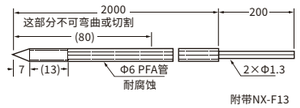
耐化学腐蚀型-反射型

BOZD015



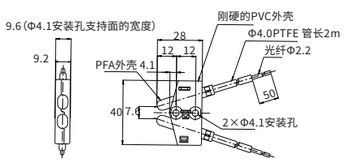
最小弯曲半径:R40
耐温:-40至+70°C

BOZD016



最小弯曲半径:R25
耐温:-40至+70°C

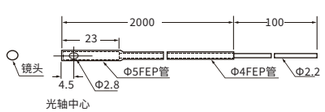
BOZD097P



最小弯曲半径:R40
耐温:-40至+60°C

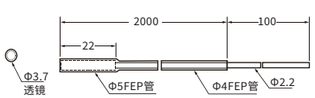
耐化学腐蚀型-对射型

BOZT014



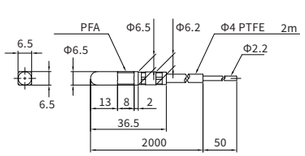
最小弯曲半径:R40
耐温:-40至+70°C

BOZT015



最小弯曲半径:R40
耐温:-40至+70°C

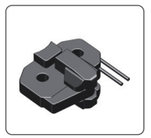
BOZT018F-1

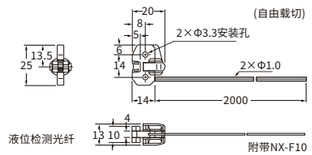


最小弯曲半径:R40
耐温:-40至+60°C

液位型-反射型

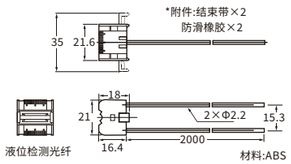
BOZD004





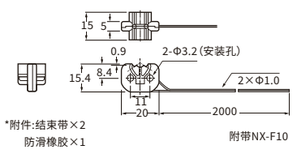
最小弯曲半径:R10
耐温:-40至+70°C

BOZD005



最小弯曲半径:R5
耐温:-40至+70°C

BOZD006

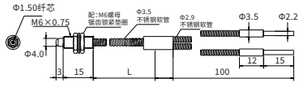


最小弯曲半径:R10
耐温:-40至+70°C

BitSENSE

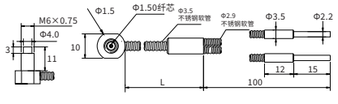
耐高温型-反射型

BOZGD610/GD620



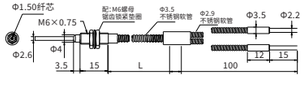
最小弯曲半径:R25
耐温:350°C

BOZGD610TZ/GD620TZ



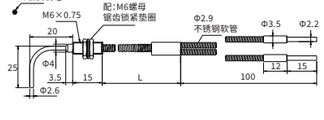
最小弯曲半径:R25
耐温:350°C

BOZGD610-I/GD620-I



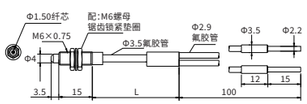
最小弯曲半径:R25
耐温:350°C

BOZGD610-R/GD620-R



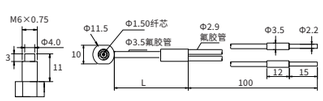
最小弯曲半径:R25
耐温:350°C

BOZGD610H/GD620H



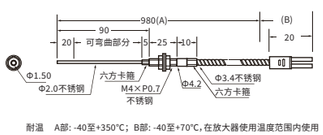
最小弯曲半径:R8
耐温:200°C

BOZGD610TZH/GD620TZH



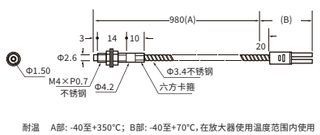
最小弯曲半径:R25
耐温:200°C

BOZG01



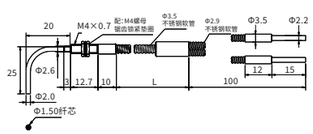
最小弯曲半径:R25
耐温:-40至+350°C

BOZG02



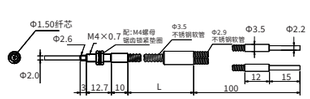
最小弯曲半径:R25
耐温:-40至+350°C

BOZG02-W2-MU



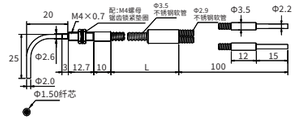
最小弯曲半径:R25
耐温:350°C

BOZG02-W2-I



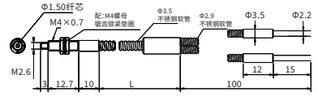
最小弯曲半径:R25
耐温:350°C

BOZG02-W2-MU



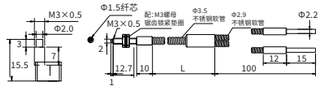
最小弯曲半径:R25
耐温:350°C

BOZG022



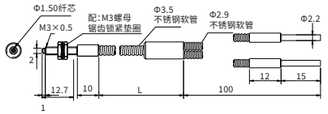
最小弯曲半径:R25
耐温:350°C

BOZGC26



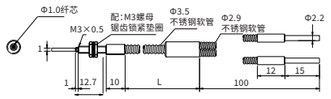
最小弯曲半径:R25
耐温:350°C

BOZG26



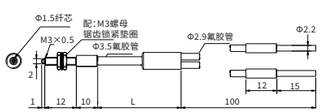
最小弯曲半径:R25
耐温:350°C

BOZG26-I



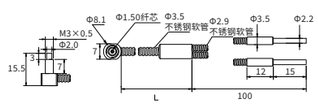
最小弯曲半径:R25
耐温:350°C

BOZG26H



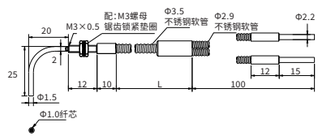
最小弯曲半径:R8
耐温:200°C

BOZG26TZ



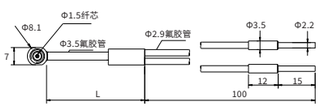
最小弯曲半径:R25
耐温:350°C

BOZG26-MU



最小弯曲半径:R25
耐温:350°C

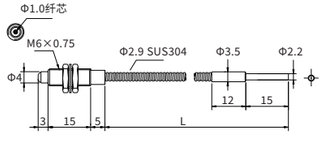
BOZG26TZH



最小弯曲半径:R25
耐温:200°C

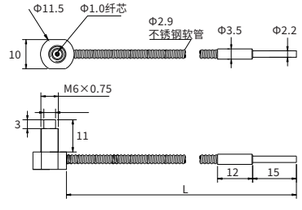
耐高温型-对射型

BOZGT610/GT620



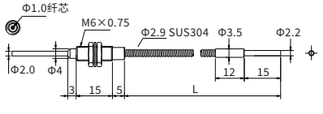
最小弯曲半径:R25
耐温:350°C

BOZGT610TZ/GT620TZ



最小弯曲半径:R25
耐温:350°C

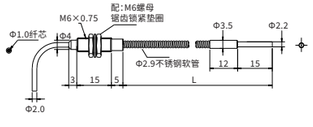
BOZGT610-I/GT620-I (I,M,S,L)



最小弯曲半径:R25
耐温:350°C

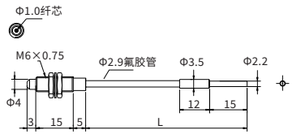
I:10mm S:20mm
M:40mm L:90mm

BOZGT610-R/GT620-R



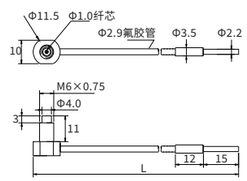
最小弯曲半径:R25
耐温:350°C

BOZGT610H/GT620H



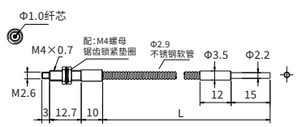
最小弯曲半径:R8
耐温:200°C

BOZGT610TZH/BOZGT620TZH



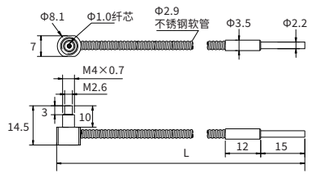
最小弯曲半径:R25
耐温:200°C

BOZGT410/GT420



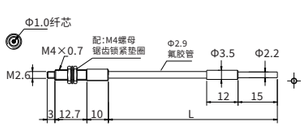
最小弯曲半径:R25
耐温:350°C

BOZGT410TZ/GT420TZ



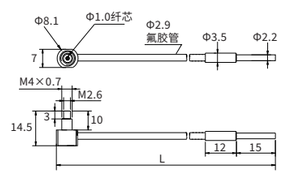
最小弯曲半径:R25
耐温:350°C

BOZGT410H/GT420H



最小弯曲半径:R8
耐温:200°C

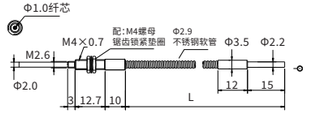
BOZGT410TZH/GT420TZH



最小弯曲半径:25
耐温:200°C

耐高温型-对射型

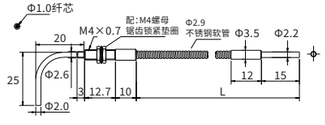
BOZGT410-I/GT420-I (I,M,S,L)



最小弯曲半径:R25
耐温:350°C

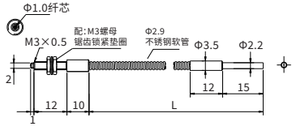
I:10mm S:20mm
M:40mm L:90mm

BOZGT410-R/GT420-R



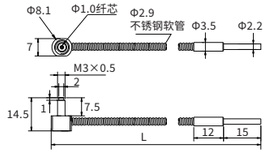
最小弯曲半径:R25
耐温:350°C

BOZGT310/GT320



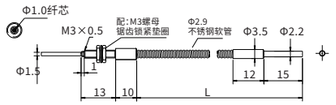
最小弯曲半径:R25
耐温:350°C

BOZGT310TZ/GT320TZ



最小弯曲半径:R25
耐温:350°C

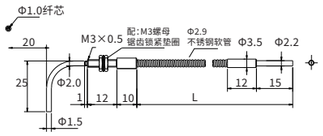
BOZGT310-I/GT320-I (I,M,S,L)



最小弯曲半径:R25
耐温:350°C

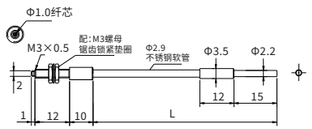
I:10mm S:20mm
M:40mm L:90mm

BOZGT310-R/GT320-R



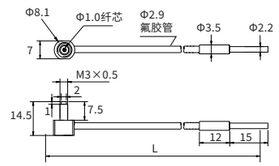
最小弯曲半径:R25
耐温:350°C

BOZGT310H/GT320H



最小弯曲半径:R8
耐温:200°C

BOZGT310TZH/GT320TZH



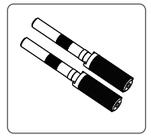
最小弯曲半径:R25
耐温:200°C

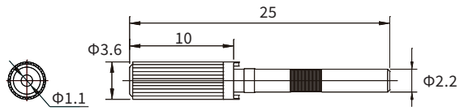
BitSENSE

光纤传感器选型参数表--附件类

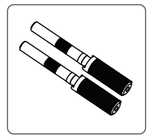
光纤用配件

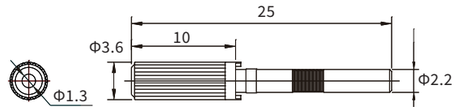
NX-F10



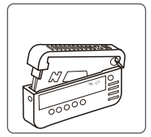


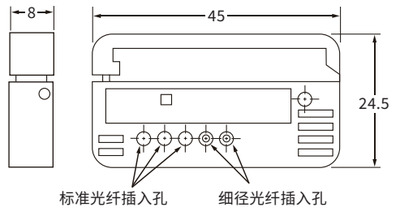
NX-F13





NX-C2



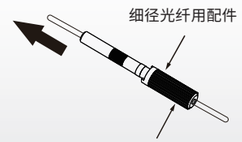


光纤选型

光纤传感器选型参数表--附件类

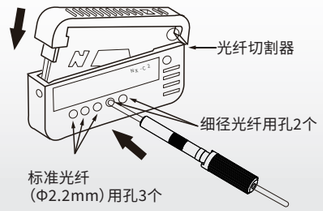
光纤切割步骤(请按照以下步骤切割细径光纤)

1. 按照下图进行设置后出厂。
(暂时紧固状态)



2. 按箭头方向调整长度，实际紧固。

3. 将光纤放入NX-C2内切割。



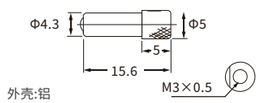
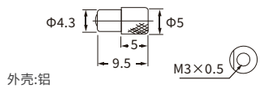
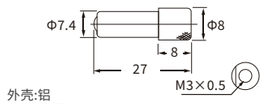
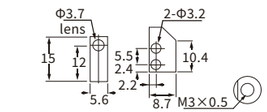
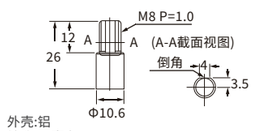
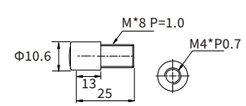
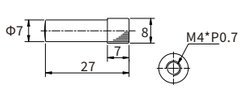
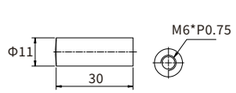
4. 完毕。(正常的切割状态)

注：插入方向请依照上图所示

BitSENSE

光纤传感器选型参数表--光纤聚焦镜

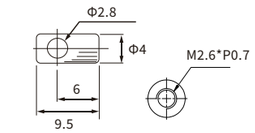
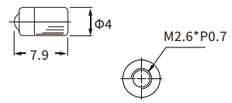
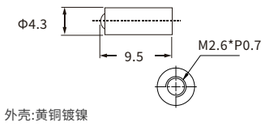
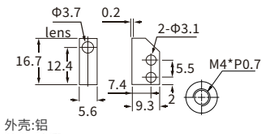
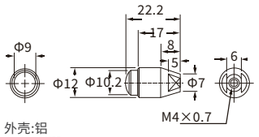
反射型光纤用透镜

	品名	型号	外形	内容	设配光纤元件	尺寸图
反射型光纤用	小光点 短距离透镜	BE2A	Φ4.3	可检测细小物体或标记 小光点Φ0.1~0.4mm 检测距离:7±2mm 使用环境温度:-40～+300℃	BOZD058、BOZD059 BOZD062、BOZD070 BOZD071、BOZD110 BOZD111、BOZD123	 外壳:铝 镜头:玻璃
	平行光束 透镜	BE3A	Φ4.3	平行光束 光点直径Φ4mm 检测距离:0-20mm 使用环境温度:40～+300℃	BOZD058、BOZD059 BOZD062、BOZD110 BOZD111、BOZD123	 外壳:铝 镜头:玻璃
	小光点 中距离透镜	BE4A	Φ7.4	可检测细小物体或标记 小光点Φ0.5mm 检测距离:15±2mm 使用环境温度:-40～+300℃	BOZD058、BOZD059 BOZD062、BOZD110 BOZD111、BOZD123	 外壳:铝 镜头:玻璃
	小光点 侧视透镜	BE5A		可检测细小物体或标记 小光点Φ0.5-3.0mm 检测距离:8～30mm 使用环境温度:-40～+100℃	BOZD059、BOZD062 BOZD110、BOZD111	 外壳:铝 镜头:玻璃
	小光点 长距离透镜	BE9A	Φ10.6	可检测细小物体或标记 小光点Φ2.0mm 检测距离:35±3mm 使用环境温度:-40～+700℃	BOZD058、BOZD059 BOZD062、BOZD110 BOZD111、BOZD123	 外壳:铝 镜头:亚克力
	小光点 长距离透镜	BE9B	Φ10.6	可检测细小物体或标记 小光点Φ7.0mm 检测距离:50±2mm 使用环境温度:-40~+70℃	BOZD233R	 外壳:铝 镜头:玻璃
	微小光点 透镜	BE9A	Φ7.0	可在20mm的距离内 实现光径Φ1.0mm的聚光	BOZD099、BOZD100 BOZD101、BOZD103	 外壳:铝 镜头:亚克力
	长距离透镜	BE10A	Φ11	M6长距离55±10mm 实现光径Φ3.0mm的聚光	BOZD075、BOZD076 BOZD077、BOZD079 BOZD080、BOZD082	 外壳:铝 镜头:玻璃

光纤选型

光纤传感器选型参数表--光纤聚焦镜

反射型光纤用透镜

	品名	型号	外形	内容	设配光纤元件	尺寸图
对射型光纤用	侧视型透镜	BE1		最长检测距离1800mm 适应温度:-40～+300℃	BOZT057 BOZT064 BOZT069	 外壳:黄铜镀镍 镜头:玻璃
	长检测 距离透镜	BE2	Φ4	最长检测距离3600mm 适应温度:40～+300℃	BOZT055、BOZT056 BOZT057、BOZT068 BOZT069	 外壳:黄铜镀镍 镜头:玻璃
	小光点 中距离透镜	BE4	Φ4.3	最长检测距离3600mm 适应温度:-40～+300℃	BOZT055、BOZT056 BOZT057、BOZT068 BOZT069	 外壳:黄铜镀镍 镜头:玻璃
	对射用 远距离透镜	BE5		最长检测距离3600mm 适应温度:-40～+300℃	BOZT057 BOZT069	 外壳:铝 镜头:玻璃
	对射用 远距离透镜	BE9		最长检测距离7000mm 适应温度:-60～+350℃	BOZG17	 外壳:铝 镜头:玻璃

BitSENSE