

光纤元件

选型规则

FR - L D 3 1 Q TZ S10

- 凸管: 无=无细针引出 S₁₀=凸管10mm
- 光纤: 无=普通 TZ=同轴 N=直角型
- 螺纹: 无=有螺纹 Q=无螺纹
- 线长: 1=1M 2=2M
- 直径: 1=φ1.5 2=φ2 3=M3 4=M4 A=区域光纤
- 检测方式: D=反射 T=对射
- 检测方向: 无=前方 L=侧面 W=上面 F=正面
- FR系列光纤

分类

总线模块

端子台

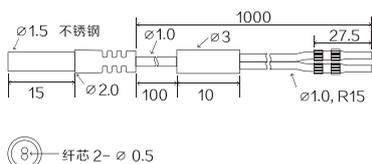
继电器模组

电缆线

传感器

反射光纤

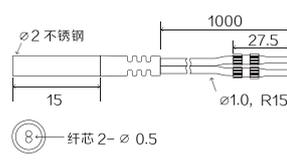
FR-D11Q



纤芯 2-φ 0.5

检测距离	50
检测精度	φ 0.05

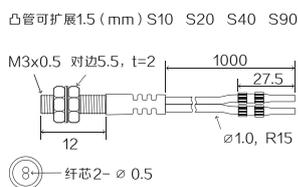
FR-D21Q



纤芯 2-φ 0.5

检测距离	50
检测精度	φ 0.05

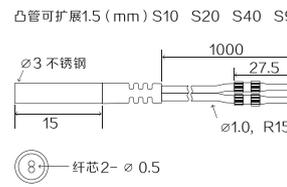
FR-D31 (可选凸管 -S10, S20, S40)



纤芯 2-φ 0.5

检测距离	50
检测精度	φ 0.05

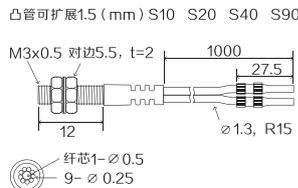
FR-D31Q



纤芯 2-φ 0.5

检测距离	50
检测精度	φ 0.05

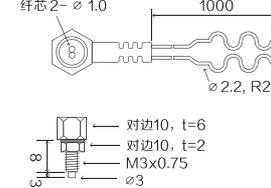
FR-D31TZ



纤芯 1-φ 0.5
9-φ 0.25

检测距离	50
检测精度	φ 0.05

FR-D31N



纤芯 2-φ 1.0
对边10, t=6
对边10, t=2
M3x0.75
φ 3

检测距离	50
检测精度	φ 0.05

反射光纤

FR-D31NTZ

纤芯 9- \varnothing 0.25
1- \varnothing 0.5
1000
 \varnothing 1.3, R25
对边10, t=6
对边10, t=2
M3x0.75
 \varnothing 3

检测距离	50
检测精度	\varnothing 0.05

FR-LD31QS15

凸管可扩展1.5 (mm) S10 S20 S40 S90
 \varnothing 1.47
 \varnothing 3.0 不锈钢
1000
15 15
27.5
 \varnothing 1.0, R15
遮光板
检测面
纤芯 2- \varnothing 0.5
螺丝紧固面

检测距离	50
检测精度	\varnothing 0.05

FR-D41 (可选凸管 -S10, S20, S40)

凸管可扩展1.5 (mm) S10 S20 S40 S90
M2.6x0.45
M4x0.7 对边7, t=2
1000
27.5
 \varnothing 1.0, R15
3 12
纤芯 2- \varnothing 0.5

检测距离	50
检测精度	\varnothing 0.05

FR-D41TZ

凸管可扩展1.5 (mm) S10 S20 S40 S90
M2.6x0.45
M4x0.7 对边7, t=2
1000
27.5
 \varnothing 1.3, R15
3 12
纤芯 1- \varnothing 0.5
9- \varnothing 0.25

检测距离	50
检测精度	\varnothing 0.05

FR-D41N

纤芯 2- \varnothing 1.0
1000
 \varnothing 2.2, R2
对边10, t=6
对边10, t=2
M4x0.75
 \varnothing 4

检测距离	50
检测精度	\varnothing 0.05

FR-D41NTZ

纤芯 9- \varnothing 0.25
1- \varnothing 0.5
1000
 \varnothing 1.3, R25
对边10, t=6
对边10, t=2
M4x0.75
 \varnothing 4

检测距离	50
检测精度	\varnothing 0.05

FR-LD41S15 (凸管可扩展)

凸管可扩展1.47 (mm) S10 S20 S40 S90
 \varnothing 1.47
M4 不锈钢
1000
15 15
27.5
 \varnothing 1.0, R15
3.7
遮光板
检测面
纤芯 2- \varnothing 0.5
螺丝紧固面

检测距离	50
检测精度	\varnothing 0.05

FR-D61

M6x0.75 对边10, t=2
1000
 \varnothing 4
3 18
 \varnothing 2.2, R25
纤芯 2- \varnothing 1.0

检测距离	50
检测精度	\varnothing 0.05

FR-D61TZ

凸管可扩展1.5 (mm) S10 S20 S40 S90
M2.6x0.45
M6x0.7 对边7, t=2
1000
27.5
 \varnothing 1.3, R15
3 12
纤芯 1- \varnothing 0.5
9- \varnothing 0.25

检测距离	50
检测精度	\varnothing 0.05

FR-D61N

纤芯 2- \varnothing 1.0
1000
 \varnothing 2.2, R2
对边10, t=6
对边10, t=2
M6x0.75
 \varnothing 6

检测距离	50
检测精度	\varnothing 0.05

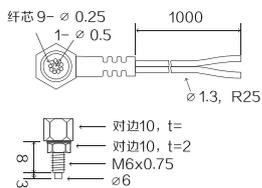
分类

- 总线模块
- 端子台
- 继电器模组
- 电缆线
- 传感器

选型指南

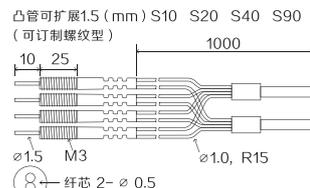
反射光纤

FR-D61NTZ



检测距离	50
检测精度	∅ 0.05

FR-D31Q-n (多合一反射光纤 N=4、6、8、10)



检测距离	50
检测精度	∅ 0.05

分类

总线模块

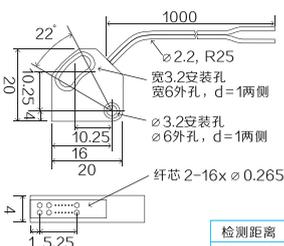
端子台

继电器模组

电缆线

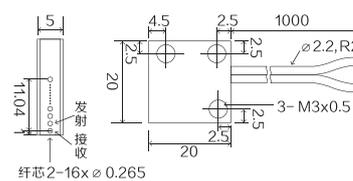
传感器

FR-WDA10



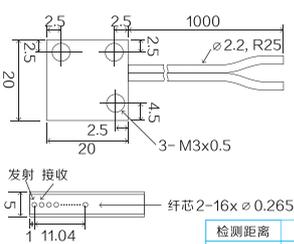
检测距离	40
检测精度	∅ 0.05

FR-WDA20



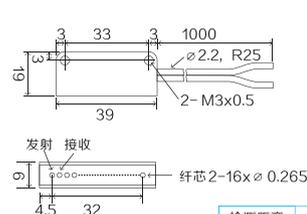
检测距离	70
检测精度	∅ 0.05

FR-DA20



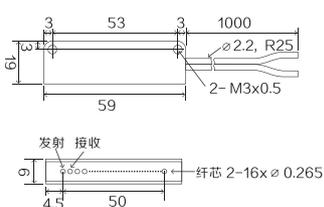
检测距离	70
检测精度	∅ 0.05

FR-DA40



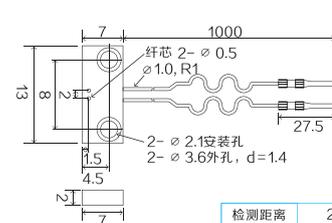
检测距离	70
检测精度	∅ 4

FR-DA60



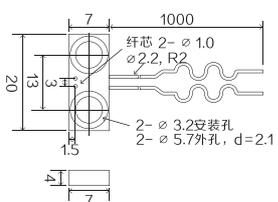
检测距离	70
检测精度	∅ 10

FR-FD41



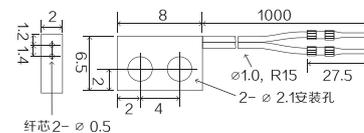
检测距离	20
检测精度	∅ 0.05

FR-FD42



检测距离	20
检测精度	∅ 0.05

FR-FD44

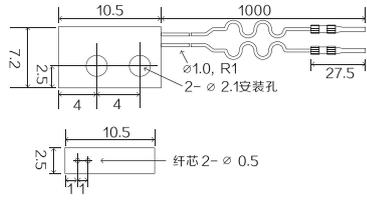


检测距离	20
检测精度	∅ 0.05

FR-FD47



反射型



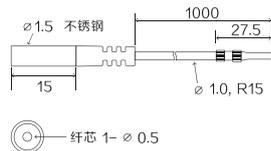
检测距离	20
检测精度	∅ 0.05

对射光纤

FR-T11Q



对射型

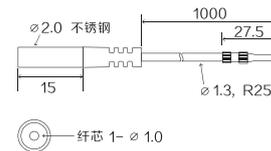


检测距离	300
检测精度	∅ 0.05

FR-T21Q



对射型

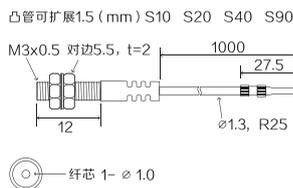


检测距离	300
检测精度	∅ 0.05

FR-T31



对射型

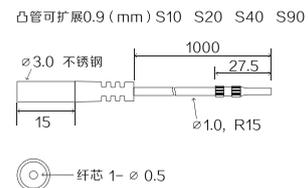


检测距离	300
检测精度	∅ 0.05

FR-T31Q



对射型



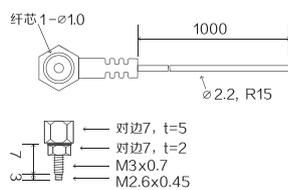
检测距离	300
检测精度	∅ 0.05

对射光纤

FR-T31N



对射型

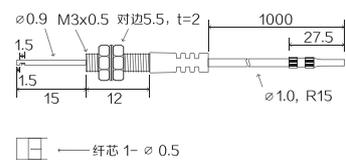


检测距离	300
检测精度	∅ 0.05

FR-LT31S15



对射型

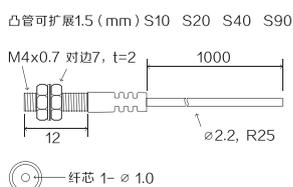


检测距离	300
检测精度	∅ 0.05

FR-T41



对射型

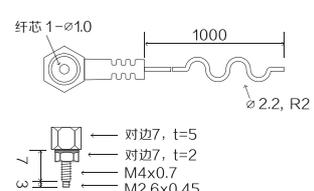


检测距离	300
检测精度	∅ 0.05

FR-T41N



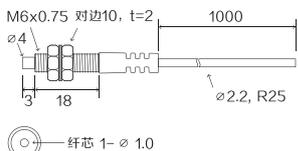
对射型



检测距离	300
检测精度	∅ 0.05

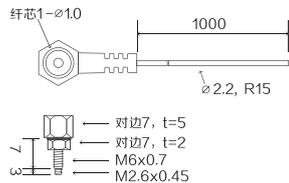
对射光纤

FR-T61



检测距离	300
检测精度	∅ 0.05

FR-T61N



检测距离	300
检测精度	∅ 0.05

分类

总线模块

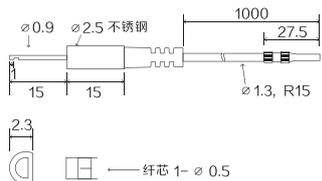
端子台

继电器模组

电缆线

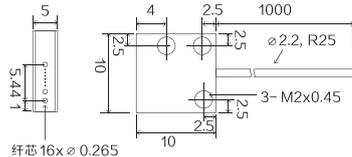
传感器

FR-FU32



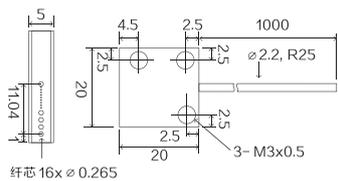
检测距离	300
检测精度	∅ 0.05

FR-FTA10



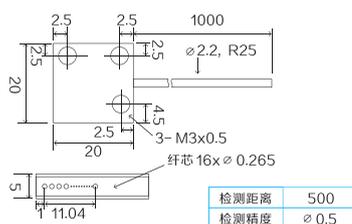
检测距离	500
检测精度	∅ 0.1

FR-FTA20



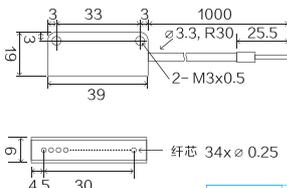
检测距离	500
检测精度	∅ 0.5

FR-LTA20



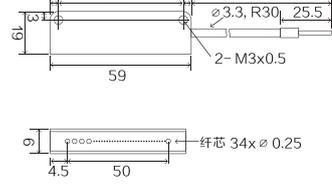
检测距离	500
检测精度	∅ 0.5

FR-LTA40



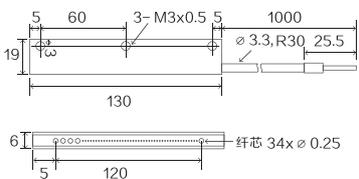
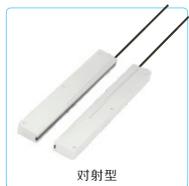
检测距离	500
检测精度	∅ 3

FR-LTA60



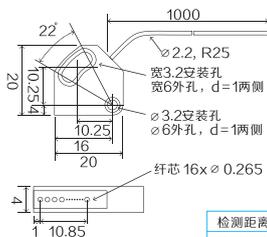
检测距离	500
检测精度	∅ 5

FR-LTA130



检测距离	400
检测精度	∅ 5

FR-WTA10



检测距离	400
检测精度	∅ 0.5

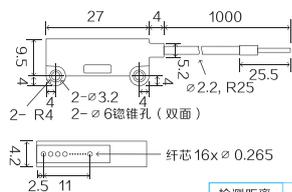
选型指南

对射光纤

FR-LTE11



对射型

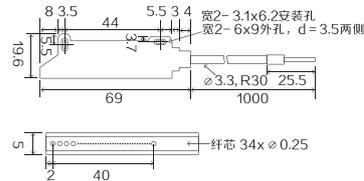


检测距离	500
检测精度	∅1

FR-LTE40



对射型

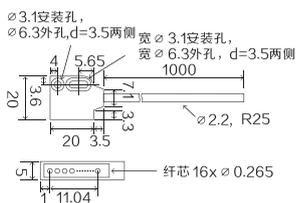


检测距离	500
检测精度	∅1

FR-LT12



对射型

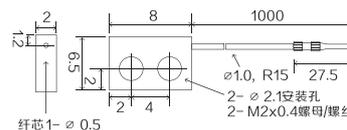


检测距离	300
检测精度	∅1.0

FR-FT44

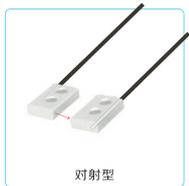


对射型

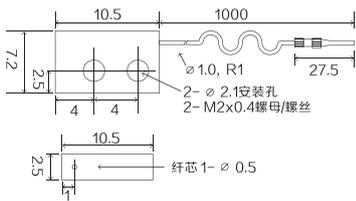


检测距离	300
检测精度	∅0.05

FR-LT47



对射型

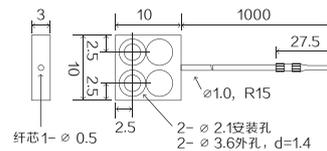


检测距离	300
检测精度	∅0.05

FR-FT51



对射型

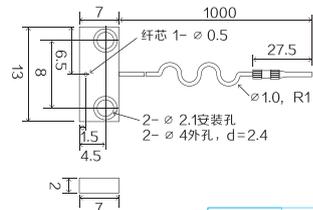


检测距离	300
检测精度	∅0.05

FR-LT53



对射型

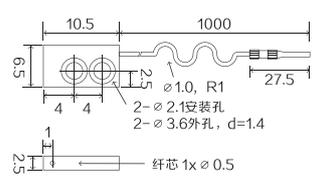


检测距离	300
检测精度	∅0.05

FR-LT57



对射型



检测距离	300
检测精度	∅0.05

FR-FT12



最小弯曲半径: R15
检测距离: 120m
最小检测物尺寸: ∅0.1mm

检测距离	300
检测精度	∅0.05

分类

总线模块

端子台

继电器模组

电缆线

传感器

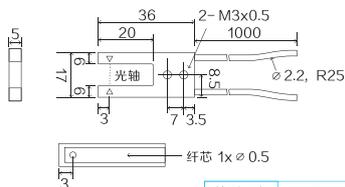
选型指南

槽型光纤

FR-UT0520

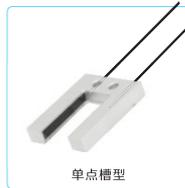


单点槽型

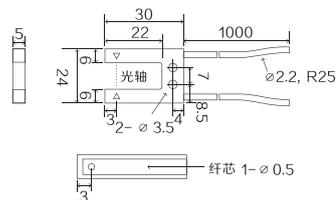


检测距离	5
检测精度	∅ 0.2

FR-UT1220



单点槽型



检测距离	12
检测精度	∅ 0.2

分类

总线模块

端子台

继电器模组

电缆线

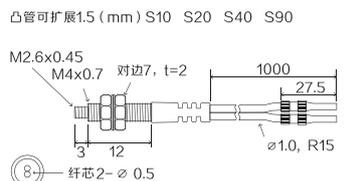
传感器

高温光纤

FR-D41HT



反射型

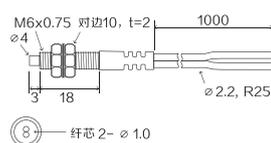


检测距离	50
检测精度	∅ 0.05

FR-D61HT



反射型

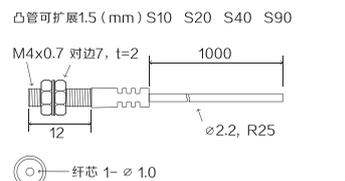


检测距离	50
检测精度	∅ 0.05

FR-T41HT



对射型

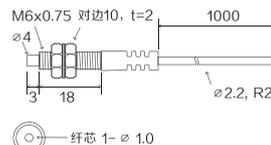


检测距离	300
检测精度	∅ 0.05

FR-T61HT



对射型



检测距离	300
检测精度	∅ 0.05

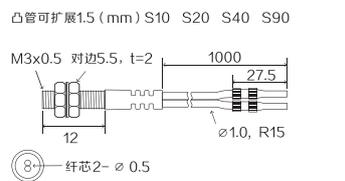
选型指南

高柔光纤

FR-D31GR



反射型

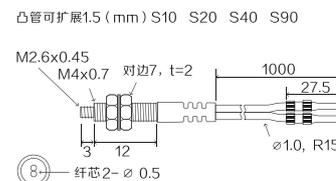


检测距离	50
检测精度	∅ 0.05

FR-D41GR



反射型



检测距离	50
检测精度	∅ 0.05

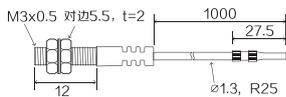
高柔光纤

FR-T31GR



对射型

凸管可扩展1.5 (mm) S10 S20 S40 S90



纤芯 1- ϕ 1.0

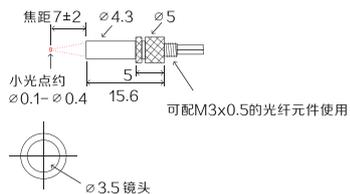
检测距离	300
检测精度	ϕ 0.05

聚光镜

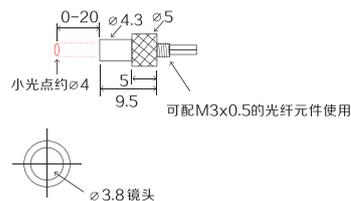
FR-2HA (7mm 处小光斑)



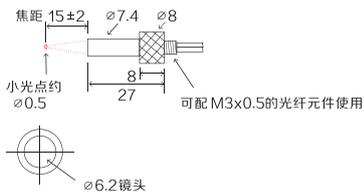
3mm处小光斑



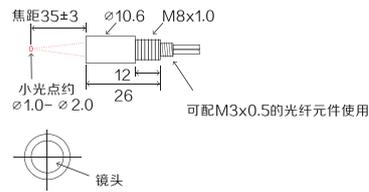
FR-3HA (平行光斑)



FR-4HA (15mm 处小光斑)

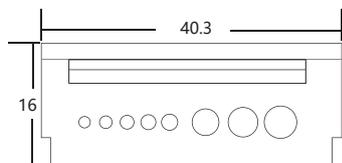


FR-6HA (35mm 处小光斑)



光纤刀

FR-KNF



分类

总线模块

端子台

继电器模组

电缆线

传感器

选型指南