FLEXIBLE R2mm

Flexibility of the fiber and the right angled head shape make installation very easy.

Space saving and flexible mounting

Please use flexible R2mm type with thread when you need space saving and easy installation. We have thru-beam type and diffuse type.

Thru-beam
NF02-TK

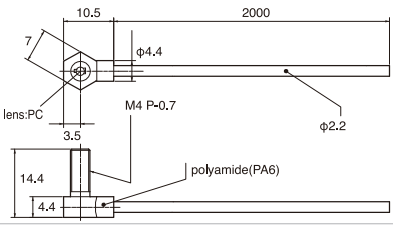
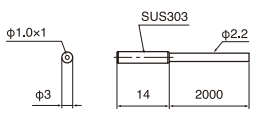
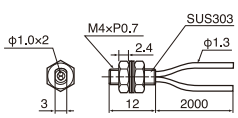
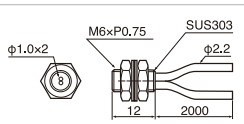
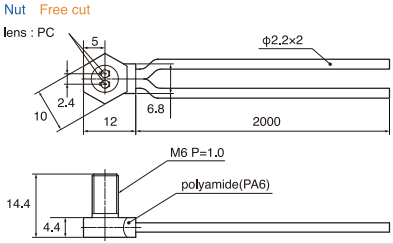
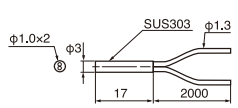
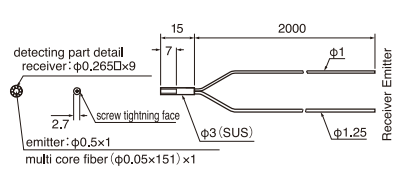
Diffuse
NF02-DK

Straight type

Threaded right angle type

Thread type can be installed saving space.

Specifications (Thru-beam/Diffuse)

		Sensing head	Sensing distance (unit=mm) Value in parenthesis is the Minimum detectable object size. (copper wire) D3RF	D2RF	BRF	Operation temperature (℃～℃)	Radius (mm)	Part Number
Thru-beam	M4	Nut Free cut 	7-EL 2,000 6-UL 1,000 5-PL 950 4-LG 800 3-ST 550 2-FS 250 1-HS 80	Long 600 Std 500 Fast 150	270	−40～70	R=2	NF02-TK
	ϕ3	Free cut 	7-EL 4,000 6-UL 2,000 5-PL 1,600 4-LG 1,400 3-ST 1,000 2-FS 550 1-HS 180	Long 800 Std 400 Fast 200	360	−40～70	R=2	NF-TK05
Diffuse	M4	Free cut 	7-EL 1,200 6-UL 750 5-PL 650 4-LG 550 3-ST 400 2-FS 250 1-HS 80	Long 300 Std 180 Fast 80	110	−40～70	R=2	NF-DK66
	M6	Free cut 	7-EL 1,200 6-UL 750 5-PL 650 4-LG 550 3-ST 400 2-FS 250 1-HS 80	Long 300 Std 180 Fast 80	110	−40～70	R=2	NF-DK67
		Nut Free cut lens : PC 	7-EL 550 6-UL 330 5-PL 230 4-LG 200 3-ST 150 2-FS 90 1-HS 18	Long 65 Std 45 Fast 10	15	−40～70	R=2	NF02-DK
	ϕ3	Free cut 	7-EL 850 6-UL 550 5-PL 450 4-LG 375 3-ST 275 2-FS 170 1-HS 55	Long 65 Std 45 Fast 10	110	−40～70	R=2	NF-DK04Z
		Coaxial Free cut 	7-EL 270 6-UL 250 5-PL 210 4-LG 180 3-ST 120 2-FS 80 1-HS 20	Long 120 Std 70 Fast 35	55	−40～60	R=2	NF-DR11

Operating humidity is 35~85%RH. Please use in 0~40°C when it's 85%RH.
Sensing distance of diffuse type is for 500 x 500mm white paper.