

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) | | | Operation temperature (℃～℃) | Radius (mm) | Part Number | |
|-----------|----|--------------|--|---|--|-----------------------------|-------------|-------------|----------|
| | | | Value in parenthesis is the Minimum detectable object size, (copper wire) | | | | | | |
| | | | D3RF | D2RF | BRF | | | | |
| Thru-beam | M4 | | 7-EL 2,000 6-UL 1,000 5-PL 950 4-LG 800 3-ST 550 2-FS 250 1-HS 80 | | | 270 | -40～70 | R=2 | NF02-TK |
| | φ3 | | 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 | | 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 |
| | | | 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 |
| | M6 | | 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 |
| | | | 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 |
| | φ3 | | 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.