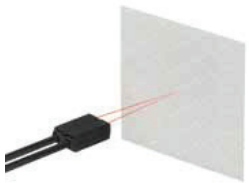
RETRO-REFLECTIVE

- Retro-reflective type for detecting transparent object.
- Super thin type for wafer mapping.

Detects transparent object

NF-RRO1 can detect transparent objects without being affected by shiny glass tilted surface because of its built in polarizing filter. Narrow view version NF-RB01 and NF-R02 are also available.

NF-RR01



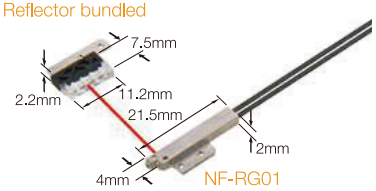
NF-RB01

NF-RB02

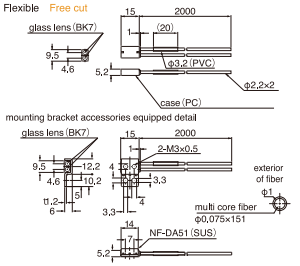
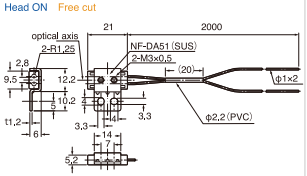
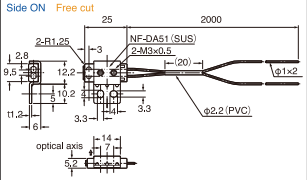
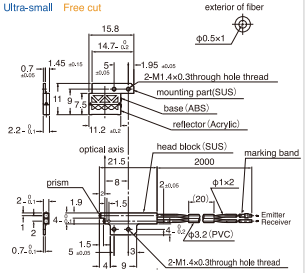
Wafer mapping

Super thin 2mm height Retro-reflective type enables wafer mapping saving space.

Reflector bundled



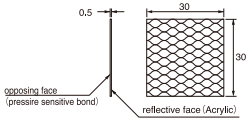
Specifications (Polarizing Filter Built in/Narrow Beam/Wafer Mapping)

	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
Polarized filter built in	Flexible Free cut 	7-EL 1,390 6-UL 1,300 5-PL 1,140 4-LG 990 3-ST 640 2-FS 520 1-HS 260	Long 850 Std 750 Fast 10～550	600	−25～55	R=1	NF-RR01
Narrow beam	Head ON Free cut 	7-EL 440 6-UL 410 5-PL 360 4-LG 310 3-ST 200 2-FS 170 1-HS 95	Long 250 Std 200 Fast 200	200	−40～60	R=10	NF-RB01
	Side ON Free cut 	7-EL 410 6-UL 380 5-PL 340 4-LG 290 3-ST 180 2-FS 150 1-HS 90	Long 250 Std 200 Fast 200	200	−40～60	R=10	NF-RB02
Wafer mapping	Ultra-small Free cut exterior of fiber 	7-EL 590 6-UL 550 5-PL 480 4-LG 420 3-ST 270 2-FS 180 1-HS 70	Long 350 Std 230 Fast 130	N.A.	−40～60	R=10	NF-RG01

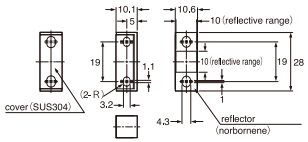
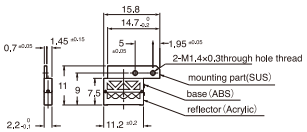
Operating humidity is 35~85%RH. Please use in 0~40℃ when it's 85%RH.

Reflector dimentions

DG3030
(Standard accessory for NF-RR01)



P31
(Standard accessory for NF-RB01, -RB02)



Reflector for NF-RG01
(Standard accessory for NF-RG01)