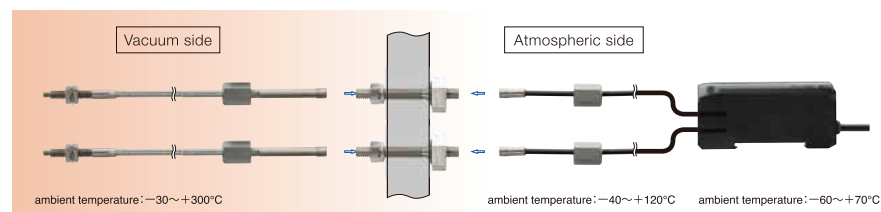


Thru-beam, Diffuse, Limited diffuse type

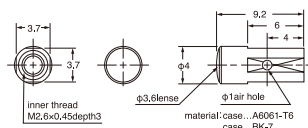
Thru-beam
NF-TN01

Diffuse
NF-DN01

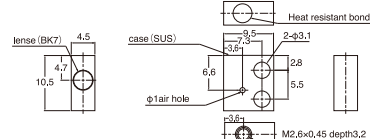
Limited diffuse
NF-DN02



Lens for long distant detection
NF-TA06



Lens for side view detection
NF-TA07 (only for NF-TN01)



Sensing distance (unit=mm)		
D3RF	D2RF	BRF
7-EL	3-ST	
3,500	1,200	
4-FL	2-FS	Long
3,200	950	3,500
5-PL	1-HS	Std
2,800	300	1,500
4-LG		Fast
2,500		900

ambient temperature: $-30 \sim +300^{\circ}\text{C}$

Sensing distance (unit=mm)			
D3RF		D2RF	BRF
7-EL	3-ST		
3,500	2,300	Long	
6-EL	2-PS	3,500	
3,200	1,000	Std	1,000
5-PL	1-HS	1,700	
2,800	350	Fast	
4-LG		700	
2,500			

ambient temperature: $-30 \sim +300^{\circ}\text{C}$

	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	lens attachable Free cut (atmospheric side) <vacuum part> 	7-EL 790 6-UL 740 5-PL 640 4-LG 560 3-ST 360 2-FS 210 1-HS 70	Long 450 Std 280 Fast 130	150	-30~300	R=18	NF-TN01
	Free cut (atmospheric side) <vacuum part> 	7-EL 470 6-UL 450 5-PL 390 4-LG 340 3-ST 220 2-FS 135 1-HS 41	Long 5~250 Std 5~200 Fast 10~70	100	-30~300	R=18	NF-DN01
	Detect glass Free cut (atmospheric side) <vacuum part> 	7-EL 0~22 6-UL 0~12 5-PL 0~11 4-LG 0~9 3-ST 0~7 2-FS 3~4 1-HS N.A.	Long 0~8 Std 2.5~5 Fast N.A.	3	-30~300	R=18	NF-DN02
Diffuse	Free cut (atmospheric side) <vacuum part> 	7-EL 470 6-UL 450 5-PL 390 4-LG 340 3-ST 220 2-FS 135 1-HS 41	Long 5~250 Std 5~200 Fast 10~70	100	-30~300	R=18	NF-DN01
	Detect glass Free cut (atmospheric side) <vacuum part> 	7-EL 0~22 6-UL 0~12 5-PL 0~11 4-LG 0~9 3-ST 0~7 2-FS 3~4 1-HS N.A.	Long 0~8 Std 2.5~5 Fast N.A.	3	-30~300	R=18	NF-DN02
	Free cut (atmospheric side) <vacuum part> 	7-EL 470 6-UL 450 5-PL 390 4-LG 340 3-ST 220 2-FS 135 1-HS 41	Long 5~250 Std 5~200 Fast 10~70	100	-30~300	R=18	NF-DN01
Limited Diffuse	Free cut (atmospheric side) <vacuum part> 	7-EL 470 6-UL 450 5-PL 390 4-LG 340 3-ST 220 2-FS 135 1-HS 41	Long 5~250 Std 5~200 Fast 10~70	100	-30~300	R=18	NF-DN01
	Detect glass Free cut (atmospheric side) <vacuum part> 	7-EL 0~22 6-UL 0~12 5-PL 0~11 4-LG 0~9 3-ST 0~7 2-FS 3~4 1-HS N.A.	Long 0~8 Std 2.5~5 Fast N.A.	3	-30~300	R=18	NF-DN02
	Free cut (atmospheric side) <vacuum part> 	7-EL 470 6-UL 450 5-PL 390 4-LG 340 3-ST 220 2-FS 135 1-HS 41	Long 5~250 Std 5~200 Fast 10~70	100	-30~300	R=18	NF-DN01

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