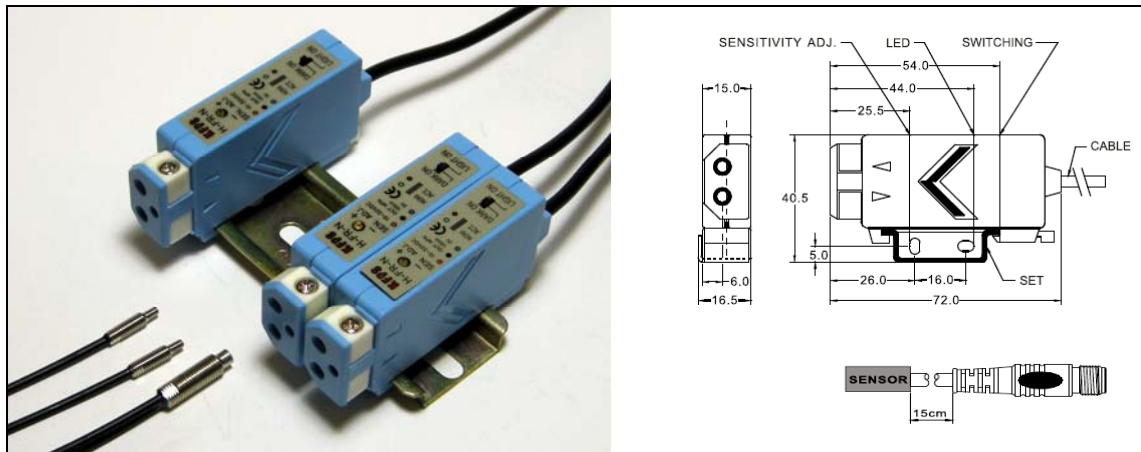


H Series

- 👍 Complied with DIN standard track, parallel installation, save space.
- 👍 More than 20 types optical-fiber cable model in whole series, customer may specify optical-fiber cable length, shortest 50 cm, longest 2 m.
- 👍 Output may be decided to have NO action or NC action via switch.
- 👍 Output signal has NPN or PNP, Load Current ≤ 100 mA.
- 👍 Equipped with sensitivity adjuster, excellent sensitivity, quick response time.
- 👍 Attached with J type connector for easy replacement during maintenance.

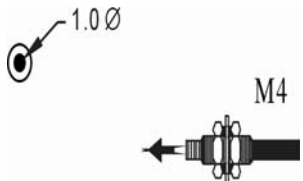
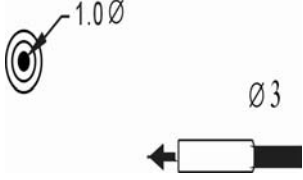
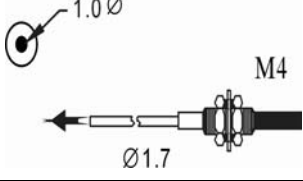
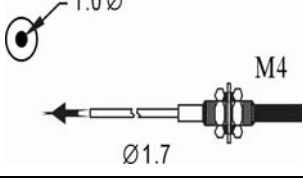
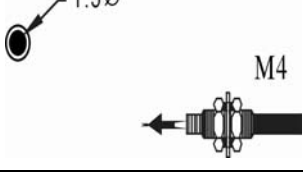
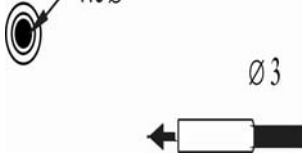


Model number	Light source	Switching output	Operating voltage	Connecting method
H-FR-N	Red LED	NPN	DC 12~24V ripple $\leq 10\%$	Pre-wired 2M Cable
H-FS-N	Infraed LED			Cable with M12 plug
H-FR-N-J	Red LED			
H-FS-N-J	Infraed LED			
H-FR-P	Red LED	PNP		Pre-wired 2M Cable
H-FS-P	Infraed LED			Cable with M12 plug
H-FR-P-J	Red LED			
H-FS-P-J	Infraed LED			

Item	Specifications
Control output	NPN NO & NC · PNP NO & NC
Response time	< 1ms
Load current	≤ 100 mA
Sensitivity adjustment	Sensitivity adjuster
Operation indicator	Red LED
Circuits protection	Reversed polarity & Short circuit protection

Enclosure protection	IEC IP54
Ambient temperature & humidity range	Operating : -25 ~ 55°C / RH 35 ~85% (with no icing or condensation)
Ambient illumination	Lamplight < 3000 Lux / Sunlight < 10000 Lux
Housing material	ABS
Accessories	Mounting bracket 、 Adjustment screwdrive

Through-beam type fiber unit

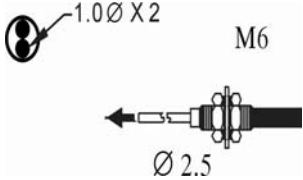
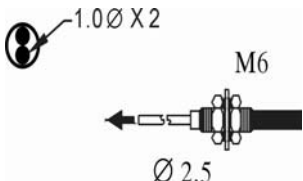
Shape of fiber head	Model number	Optical-fiber length	Sensing distance
	H-SP-05	Free cut : 1M	Infraed LED : 80mm Red LED : 70mm
	H-SP-05-50	50cm	
	H-SP-05-75	75cm	
	H-SP-05-2m	2M	
	H-SP-04	Free cut : 1M	
	H-SP-04-50	50cm	
	H-SP-04-75	75cm	
	H-SP-04-2m	2M	
	H-SP-07	Free cut : 1M	
	H-SP-07-50	50cm	
	H-SP-07-75	75cm	
	H-SP-07-2m	2M	
	H-SP-06	Free cut : 1M	
	H-SP-06-50	50cm	
	H-SP-06-75	75cm	
	H-SP-06-2m	2M	
	H-SP-05C	Free cut : 1M	Infraed LED : 150mm Red LED : 140mm
	H-SP-05C-50	50cm	
	H-SP-05C-75	75cm	
	H-SP-05C-2m	2M	
	H-SP-04C	Free cut : 1M	
	H-SP-04C-50	50cm	
	H-SP-04C-75	75cm	
	H-SP-04C-2m	2M	

Coaxial-reflective type fiber unit

Shape of fiber head	Model number	Optical-fiber length	Sensing distance
	H-CR-05X	Free cut : 1M	Infraed LED : 25mm Red LED : 22mm
	H-CR-05X-50	50cm	
	H-CR-05X-75	75cm	
	H-CR-05X-100	1M	
	H-CR-04X	Free cut : 1M	
	H-CR-04X-50	50cm	
	H-CR-04X-75	75cm	
	H-CR-04X-100	1M	
	H-CR-07X	Free cut : 1M	
	H-CR-07X-50	50cm	
	H-CR-07X-75	75cm	
	H-CR-07X-100	1M	
	H-CR-06X	Free cut : 1M	
	H-CR-06X-50	50cm	
	H-CR-06X-75	75cm	
	H-CR-06X-100	1M	
	H-CR-05C	Free cut : 1M	Infraed LED : 41mm Red LED : 38mm
	H-CR-05C-50	50cm	
	H-CR-05C-75	75cm	
	H-CR-05C-100	1M	
	H-CR-04C	Free cut : 1M	
	H-CR-04C-50	50cm	
	H-CR-04C-75	75cm	
	H-CR-04C-100	1M	

Reflective type fiber unit

Shape of fiber head	Model number	Optical-fiber length	Sensing distance
	H-CR-05	Free cut : 1M	Infraed LED : 25mm Red LED : 22mm
	H-CR-05-50	50cm	
	H-CR-05-75	75cm	
	H-CR-05-100	1M	
	H-CR-04	Free cut : 1M	
	H-CR-04-50	50cm	
	H-CR-04-75	75cm	
	H-CR-04-100	1M	

	H-CR-07	Free cut : 1M	Infraed LED : 25mm Red LED : 22mm
	H-CR-07-50	50cm	
	H-CR-07-75	75cm	
	H-CR-07-100	1M	
	H-CR-06	Free cut : 1M	
	H-CR-06-50	50cm	
	H-CR-06-75	75cm	
	H-CR-06-100	1M	