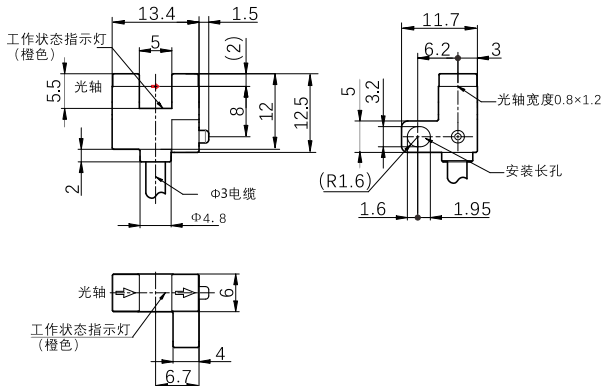




Dimension



CAD数据

Model

PU-R28
PU-R28P

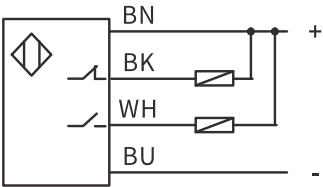
Technical Parameters

Product Features

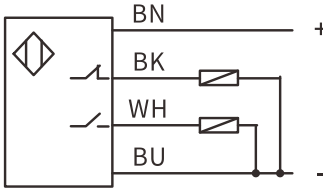
- Through-beam type
- Fast response and high frequency
- IEC IP64

Output Circuits

NPN



PNP



Sensing mode	Through-beam
Model	PU-R28 PU-R28P
Output mode	Light-ON+Dark-ON
Sensing distance	5mm(slot width)
Sensing material	Opaque object of 1.2 × 0.8 mm or larger
Light source	Infrared emission at 940 nm
Differential	<0.05mm
Repeat accuracy	<0.01mm
Power supply voltage	5–24 V DC ±10% or less
Residual voltage	1 V or less (when the load current ≤ 50 mA)
Power consumption	<15mA
Load current	≤50mA
Circuit protection	Reverse polarity connection, Short circuit protection, Overload protection
Response frequency	> 1kHz
Indicator light	Action indicator light: Orange LED
Connection	Cable 2m
Ambient Temperature	Work: -25 ~ +55°C; Storage: -30 ~ +80°C, No dew condensation or icing allowde
Ambient Humidity	Work: 5 ~ 85%RH, Storage: 5 ~ 95%RH, No dew condensation
Ambient illumination	Sunlight: 10,000Lx Lamplight: 3,000Lx
Anti-vibration	10 ~ 55Hz double-amplitude 1.5mm,X,Y,Z(2H)/10 ~ 55Hz
Withstand voltage	Between the entire live part and the housing: 1000 V AC, 50/60 Hz, for 1 minute
Insulationm resistance	20 MΩ or more (tested with a 500 V DC megohmmeter) between the entire live part and the housing
Shock resistance	500m/S ² X,Y,Z 3 times
Protection degree	IEC IP64
Material	Housing: PBT Display cover: PC