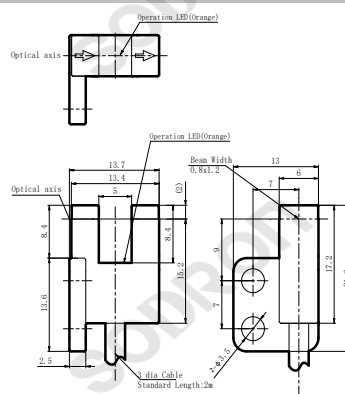
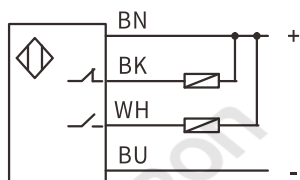


**Dimensions**

Model	Technical parameters	
	Detection method	Through-beam
PU-F58 PU-F58P	Model	NPN PU-F58 PNP PU-F58P
	Output mode	Light-ON+Dark-ON
Product features	Sensing distance	5mm(slot width)
<ul style="list-style-type: none"> • Through-beam type • Fast response , high frequency • IEC IP64 	Standard target	Opaque object of 1.2 × 0.8 mm or larger
	Light source	Infrared emission at 940 nm
	Differential	<0.05mm
	Repeat accuracy	<0.01mm
Connection	Supply power	< 5-24 V DC ±10%
	Residual voltage	< 1 V (Load current ≤ 50 mA)
	Current consumption	< 15mA
	Load current	≤50mA
	Circuit protection	Reverse polarity connection, Short circuit protection, overload protection
	Response frequency	≥1kHz
	Indicator light	Output LED: orange
	Connection	Cable 2m
	Ambient temperature	Work: -25°C~+55°C Store: -30°C-80°C(No dew condensation or icing allowed)
	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 1.5mmX,Y,Z 2h	
Withstand voltage	1000VAC,50/60Hz 1min between current-carrying parts and case	
Insulation resistance	≥ 20 MΩ (500 VDC, terminals to housings)	
Impact resistance	500 m/s ² (X, Y, Z directions, 3 times)	
Protection degree	IEC IP64	
Material	Housing	PBT
	Display cover	PC

NPN



PNP

