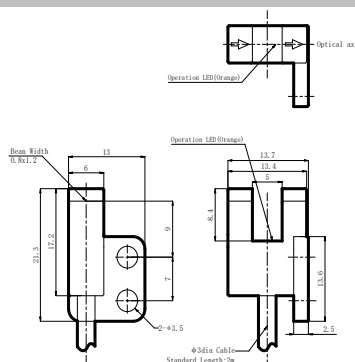
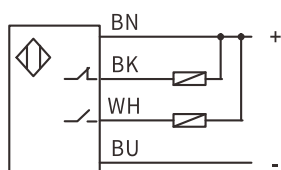
**Dimensions**

Model	Technical parameters	
PU-R58 PU-R58P	Detection method	Through-beam
	Model	PU-R58 PU-R58P
	Output mode	Light-ON+Dark-ON
	Sensing distance	5mm(slot width)
<b>Product features</b>	Sensing material	Opaque object of 1.2 × 0.8 mm or larger
	Light source	Infrared emission at 940 nm
<ul style="list-style-type: none"> <li>• Through-beam type</li> <li>• Fast response and high frequency</li> <li>• IEC IP64</li> </ul>	Differential	<0.05mm
	Repeat accuracy	<0.01mm
	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	Action indicator light: Orange LED
	Connection	Cable 2m
<b>Connection</b>	Ambient temperature	Work: -25 ~ +55°C; Storage: -30 ~ +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 <sup>2</sup> (X, Y, Z directions, 3 times)
	Protection degree	IEC IP64
	Material	Housing PBT Display cover PC

NPN



PNP

