

RS PRO Photoelectric Sensor

RS Stock No.: 903-3958/903-3949

FEATURES

- Small size, fixed distance detection;
- Excellent anti-interference performance;
- High detection accuracy



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Part Number Description

Part number	Sensing distance	Light source	Output	Connection
903-3958	15m (adjustable)	Infrared LED(modulation)	PNP NC	2m PVC cable
903-3949	15m (adjustable)	Infrared LED(modulation)	PNP NO	2m PVC cable

General Specifications

Detection Type	Through beam
Response time	<1ms
Output Indicator	Yellow LED
Ambient temperature	-15°C...55 °C
Ambient humidity	35...85%RH (non-condensing)
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ(500VDC)
Vibration resistance	10...50Hz (1.5mm)

Electrical Specifications

Operating Supply Voltage	10...30 VDC
Residual voltage	≤2.5V
Load Current	≤200mA
Reverse Polarity Protection	YES
Surge protection	YES

Mechanical Specifications

Housing Material	PBT
Dimensions	40*35*15mm

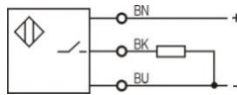
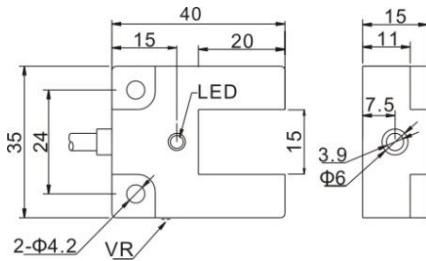
Protection Category

IP Rating	IP64
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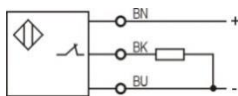
Approvals

CE

Dimension and Wiring



PNP NO



PNP NC