RS PRO Photoelectric Sensor

RS Stock No.: 2543625

FEATURES

- Diffuse reflection working principle;
- 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.

Specifications

Detection type	Diffuse reflection
Rated distance [Sn]	15cm(adjustable)
Standard target	White card reflection rate 90%
Light source	Infrared LED (880nm)
Dimensions	M12*65mm
Output	PNP NO+NC
Supply voltage	10…30 VDC
Target	Opaque object
Hysteresis range [%/Sr]	3…20%
Repeat accuracy [R]	≤5%
Load current	≤200mA
Residual voltage	≤2.5V
Consumption current	≤25mA
Circuit protection	Short-circuit, overload, reverse polarity protection
Response time	＜8.2ms
Output indicator	Yellow LED
Ambient temperature	-15℃…+55℃
Ambient humidity	35-85%RH (non-condensing)
Voltage withstand	1000V/AC 50/60Hz 60s
Insulation resistance	≥50MΩ(500VDC)
Vibration resistance	10…50Hz (0.5mm)
Housing material	Nickel-copper alloy
Connection type	M12 Connector

Protection Category

IP Rating	**IP67**

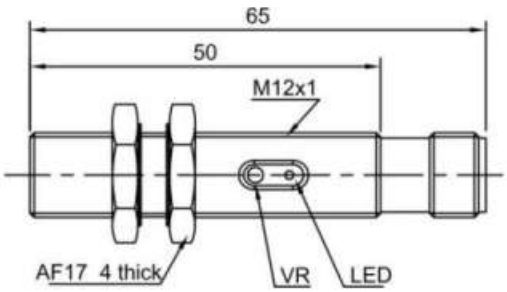
Additional Information

Custom Tariff Number/HS code	**903180**

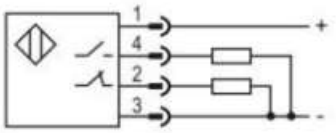
Approvals

fications	**CE UL**

Dimension and Wiring



Adjustable



PNP NO+NC

