

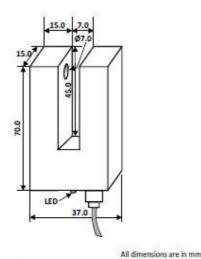


## **Datasheet**

## **Photoelectric Proximity Sensors – Through Beam**

## RS Stock numbers 903-3942 - 903-3945





General Specification		
Sensing Range	07 mm	
Installation	Through Beam	
Standard Target Material	Opaque	

Mechanical Specification		
Housing Size	70 x 37 x 15 mm	
Housing Material	Aluminium	
Sensing Face Material	ABS	
Termination	Through Cable	
Temperature Range	0°C 60°C	
Environmental Protection	IP67	
Light Source	LED	
Type of Light	Infrared	

Wavelength

Operating Voltage	10 30 V DC
Ripple	< 15%
Voltage Drop	< 2.5 V
No Load Current	< 50 mA
Max. Load Current	200 mA
Switching Output	PNP
Switching Function	NO / NC
Switching Frequency	100 Hz
Reverse Polarity Protection	Yes
Short Circuit Protection	Yes

Cable Length	2 m	
Cable Type	PVC 3 Core Multi Strand	
Sheath Colour	Grey	
Cross Section of Wire	0.19 sq. mm	
Core Dia	1.2 mm	
Cable Dia	3.5 ± 0.1 mm	
Termination	Partially Stripped	

Wiring Diagra	am
PNP - NO	
	●— Brown(+)
	Black(o/p)
	R,
	Blue(-)

onnection Deta	il	
Detail	NO	NC
Brown	+ve	Gnd(0V)
Black	Output	Output
Blue	Gnd(0V)	+ve

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