

DC - 3 WIRE
PLASTIC BLOCK HOUSING
10-30V, 400mA
LED for Output Energized

- **Block Sensors feature large sensing distances**
- **Carries $\text{C}\epsilon$ mark**

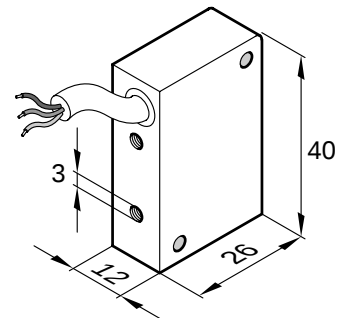
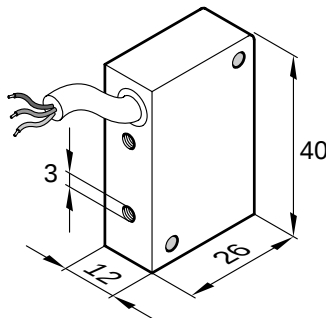
- IEC(529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Short Circuit Protection
- Overload Protection
- Reverse Polarity Protection
- Wire Break Resistance
- Temperature Range: -25 to 70°C (-13 to 158°F)

40 x 26 x 12mm Block Flush Mount			40 x 26 x 12mm Block Non-Flush Mount		
Sensing Distance 2mm (.08 in.)			4mm (.16 in.)		
Cable or Connector Style	Cat. No.		Cable	64	
PNP	Normally Open		9863-0400	9863-0464	
	Normally Closed				
NPN	Normally Open		9863-2100	9863-2164	
	Normally Closed				
Ripple Voltage			≤10%		
Voltage Range			10v - 30V		
Supply Current			≤18mA		
Maximum Load Current			400 mA (n.o.) 200 mA (n.c.)		
Voltage Drop Across Sensor			≤2.2V		
Maximum Leakage Current			≤10μA		
Switching Frequency			800Hz		
Hysteresis			≤15%		
Temperature Drift			≤10%		
Repeatability			.20mm (.008 in.)		
Housing Material			Trogamid T		

Note: Sensor dimensions in mm

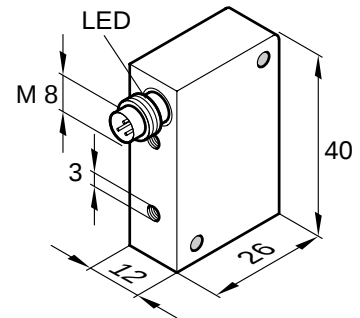
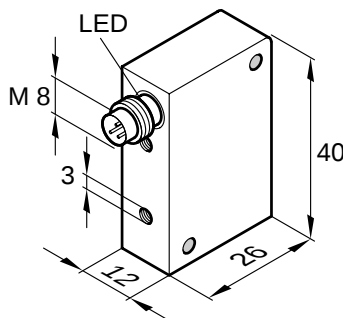
Fixed Cable

PVC 2m (6ft. 6in.). For 5m (16 ft. 5 in.) cable length, change the last two digits of the part number to 02. For other cable lengths and/or PUR cable, please consult Altech.



64 Style Connector

3-pin, Pico style, 8mm (.310 in.).



Metric/in. Conversion Table

3.0 mm = .11 in.	26.0 mm = 1.02 in.
8.0 mm = .31 in.	40.0 mm = 1.57 in.
12.0 mm = .47 in.	

This table converts millimeters to inches in reference to the illustrations included on these pages

Accessories

2 meter (6 ft. 6 in.) DC Cable Assemblies for Quick Disconnect Sensors

64 Connector	8000-5220	Straight
64 Connector	8000-5230	PVC, Right Angle, 2LED, PNP
64 Connector	8000-5240	PVC, Right Angle, 2LED, NPN

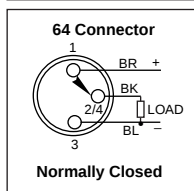
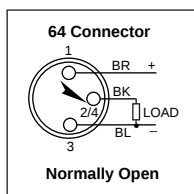
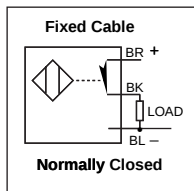
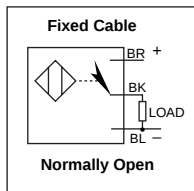
Change last digit of connector number to 5 for 5 meter cable

Refer to pages 116-121 for more cable information

Wiring Diagrams

Note: Wire colors are applicable to cable purchased from Altech

PNP



NPN

