

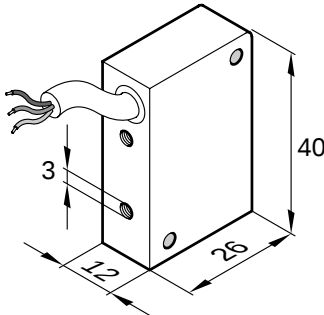
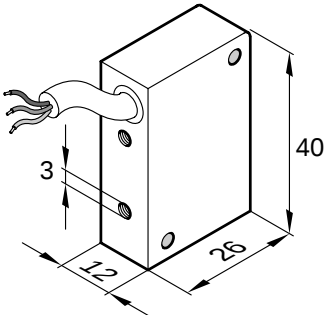
DC - 3 WIRE
PLASTIC BLOCK HOUSING
10-30V, 400mA
LED for Output Energized

- *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)

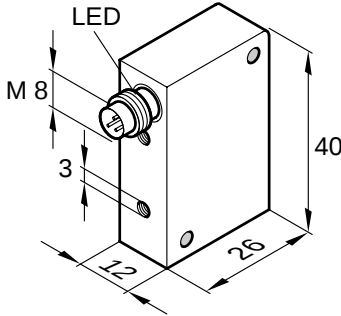
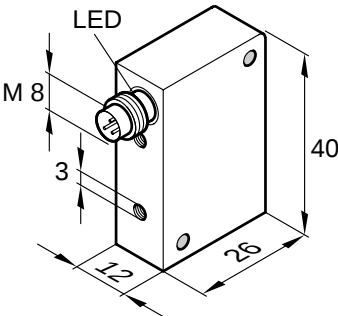
40 x 26 x 12mm Block Flush Mount			40 x 26 x 12mm Block Non-Flush Mount		
Sensing Distance 2mm (.08 in.)			4mm (.16 in.)		
Cable or Connector Style Cat. No.			Cable		64
PNP	Normally Open		9863-0400		9863-0464
	Normally Closed				
NPN	Normally Open		9863-2100		9863-2164
	Normally Closed				
Ripple Voltage			≤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 m.

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

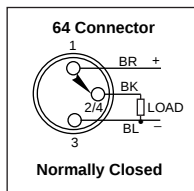
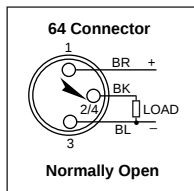
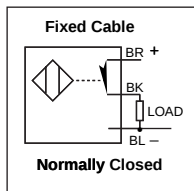
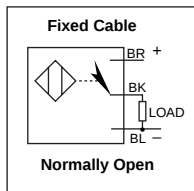
Change last digit of connector number to 5 for 5 meter cable

Refer to pages 116-121 for more cable information

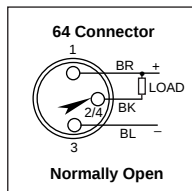
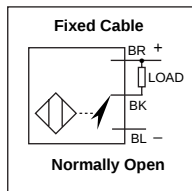
Wiring Diagrams

Note: Wire colors are applicable to cable purchased from Altech

PNP



NPN



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Altech:](#)

[9863-2964](#) [9863-2764](#) [9863-2164](#)