AC - 2 WIRE STANDARD SERIES Brass, Nickel Plated (BN), Cylindrical, Threaded, 90-250V AC, 180 mA, 1 LED for Output Energized

- Most complete range of Fixed Cable and Quick Disconnect Styles
- Available in normally open (N.O.) and normally closed (N.C.) output configuration
- This series features the 360° LED viewing connector type "67"
- Carries (E mark

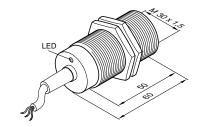
- IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Temperature Range:-25 to 70°C (-13 to 158°F)

M30 Flush Mount

Sensing Distance						
Sensing Distance	10mm (.39 in.)					
Cable or Connector Style Cat. No.	Cable	62	66	67	68	
Normally Open \	9956-1500	9956-1562	9956-1566	9956-1567	9956-1568	
Normally Closed 🕌	9956-1900				9956-1968	
Voltage Range	90V - 250V					
Operating Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	
Supply Current	5 mA					
Max. Load Current	180 mA	100 mA	180 mA	180 mA	180 mA	
Voltage Drop Across Sensor	≤8V	≤8V	≤8V	≤8V	≤8V	
Max. Leakage Current	≤3A/220V	≤3A/220V	≤3A/220V	≤3A/220V	≤3A/220V	
	≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V	
Short Term Current (20ms 1Hz)	1A	1A	1A	1A	1A	
Switching Frequency	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	
Hysterisis	≤15%	≤15%	≤15%	≤15%	≤15%	
Temperature Drift	≤10%	≤10%	≤10%	≤10%	≤10%	
Repeatability	1mm (.039 in.)					
Front Cap Material	PBTP	PBTP	PBTP	PBTP	PBTB	

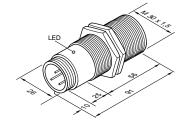
Fixed Cable

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. Supplied with Brass, Nickel Plated (BN) locknuts.



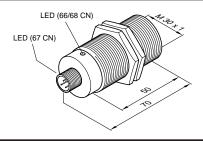
62 Style Connector

3-pin, Mini style, 25mm (1.0 in.) supplied with Brass, Nickel Plated (BN) locknuts.



66/67/68 Style Connectors

The 66/67 connectors are 4-pin, (68 connector, 3-pin), Micro style, 12mm (.47 in.) supplied with Brass, Nickel Plated (BN) locknuts. The 67 Connector is clear, offering 360° LED viewing.





Metric/in. Conversion Table

1.0 mm = .04 in. 5.0 mm = .20 in. 6.0 mm = .23 in. 8.0 mm = .31 in. 12.0 mm = .47 in. 23.0 mm = .90 in. 28.0 mm = 1.10 in.	29.0 mm = 1.14 in. 34.0 mm = 1.34 in. 35.0 mm = 1.37 in. 40.0 mm = 1.57 in. 43.0 mm = 1.69 in. 50.0 mm = 1.97 in. 60.0 mm = 2.36 in.	Thi cor to it incl pag

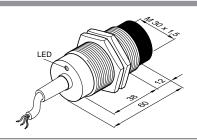
nis table onverts millimeters inches in reference the illustrations cluded on these

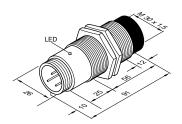
M30 Non-Flush Mount

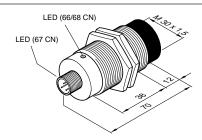
15mm	(0.59)	in.)
13111111	10.55	111./

15mm (0.59 in.)							
Cable	62	66	67	68			
9956-1400	9956-1462	9956-1466	9956-1467	9956-1468			
9956-1800				9956-1868			
90V - 250V	90V - 250V	90V - 250V	90V - 250	90V - 250V			
50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz			
5 mA	5 mA	5 mA	5 mA	5 mA			
180 mA	180 mA	180 mA	180 mA	180 mA			
≤8V	≤8V	≤8V	≤8V	≤8V			
≤3A/220V	≤3A/220V	≤3A/220V	≤3A/220V	≤3A/220V			
≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V	≤1.5mA/110V			
1A	1A	1A	1A	1A			
15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V			
≤15%	≤15%	≤15%	≤15%	≤15%			
≤10%	≤10%	≤10%	≤10%	≤10%			
1.5mm (.0596in.)	1.5mm (.059 in.)	.4mm (.016in.)	.4mm (.016in.)	.5mm (.02in.)			
PBTB	РВТВ	РВТВ	РВТВ	РВТВ			

Note: Sensor dimensions in mm.







Accessories

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

62 Connector 8000-5030 PVC, Straight 66/67 Connector 8000-5060 PVC, Right Angle 66/67 Connector 8000-5070 PVC, Straight 68 Connector 8000-5130 PVC Straight 68 Connector 8000-5140 Right Angle

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

Refer to pages 116-121 for more cable information

Mounting Brackets - see Pages 114-115

Wiring Diagrams

Note: Wire colors are applicable to cable purchased from Altech

