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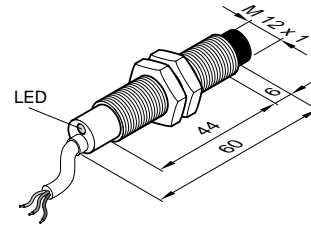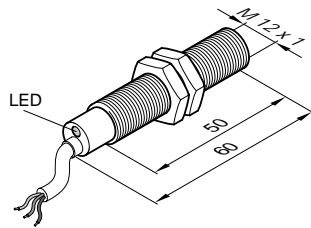**Brass, Nickel Plated (BN), Cylindrical, Threaded, 90-250V AC, 180 mA, 1 LED for Output Energized**

- *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 $C\epsilon$ mark*

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

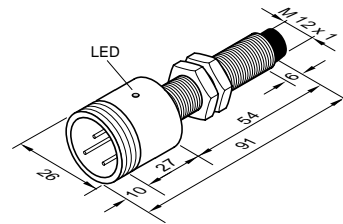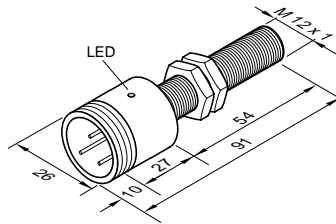|	M12 Flush Mount				M12 Non-Flush Mount			
Sensing Distance	**2mm (.08 in.)**				**4mm (.16 in.)**			
Cable or Connector Style Cat. No.	Cable	62	66/67	68	Cable	62	66/67	68
Normally Open	9952-0500	9952-0562	9952-0566 9952-0567	9952-0568	9952-0400	9952-0462	9952-0466 9952-0467	9952-0468
Normally Closed	9952-0900		9952-0966 9952-0967	9952-0968	9952-0800		9952-0866 9952-0867	9952-0868
Voltage Range	90V-250V	90V - 250V	90V - 250V	90V - 250V	90V - 250V	90V - 250V	90V - 250V	90V - 250V
Operating Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Supply Current	5 mA	5 mA	5 mA	5 mA	5 mA	5 mA	5 mA	5 mA
Max. Load Current	180 mA	100 mA	180 mA	180 mA	180 mA	180 mA	180 mA	180 mA
Voltage Drop Across Sensor	≤8V	≤8V	≤8V	≤8V	≤8V	≤8V	≤8V	≤8V
Max. Leakage Currrent	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V	≤3mA/220V ≤1.5mA/110V
Short Term Current (20ms 1Hz)	1A	1A	1A	1A	1A	1A	1A	1A
Switching Frequency	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V	15Hz/220V
Hysterisis	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%	≤15%
Temperature Drift	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%
Repeatability	.2mm (.008 in.)	.2mm (.008in.)	.2mm (.008in.)	.2mm (.008in.)	.4mm (.016in.)	.4mm (.0016in.)	.4mm (.016in.)	.4mm (.016in.)
Front Cap Material	PBTP	PBTP	PBTP	PBTP	PBTB	PBTB	PBTB	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.