

Metric/in. Conversion Table

1.0 mm = .04 in.	30.0 mm = 1.18 in.
5.0 mm = .20 in.	34.0 mm = 1.34 in.
6.0 mm = .23 in.	35.0 mm = 1.37 in.
8.0 mm = .31 in.	39.0 mm = 1.53 in.
12.0 mm = .47 in.	40.0 mm = 1.57 in.
23.0 mm = .91 in.	50.0 mm = 1.96 in.
24.0 mm = .94 in.	
28.0 mm = 1.10 in.	
29.0 mm = 1.14 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	PVC, Straight
64 Connector	8000-5230	PVC, Right Angle, 2LED, PNP
64 Connector	8000-5240	PVC, Right Angle, 2LED, NPN
65 Connector	8000-5110	PVC, Straight
65 Connector	8000-5120	PVC, Right Angle
65 Connector	8000-5150	PVC, Right Angle, 2LED, NPN
65 Connector	8000-5160	PVC, Right Angle, 2LED, PNP

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

Refer to pages 116-121 for more cable information

Mounting Brackets – see Page 114-115

M12 Flush Mount

2mm (.08 in.)

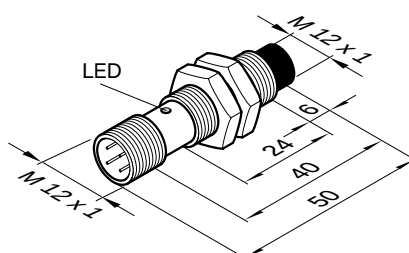
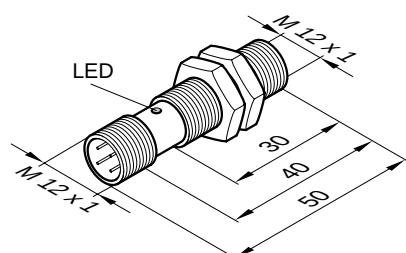
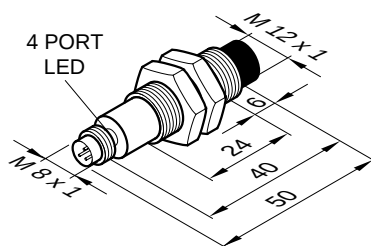
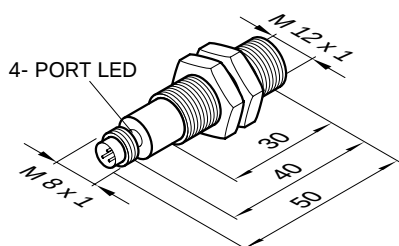
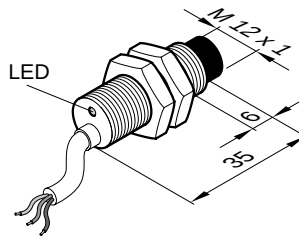
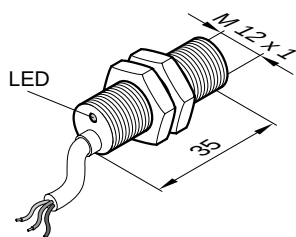
Cable	64	65
9982-2000	9982-2064	9982-2065
9982-2100	9982-2164	9982-2165
≤10%	≤10%	≤10%
18V - 30V	18V - 30V	18V - 30V
≤10 mA	≤10 mA	≤10 mA
120 mA	120 mA	120 mA
≤1.5V	≤1.5V	≤1.5V
≤10 μA	≤10 μA	≤10 μA
2000Hz	2000Hz	2000Hz
≤15%	≤15%	≤15%
≤10%	≤10%	≤10%
.20mm (.008 in.)	.20mm (.008 in.)	.20mm (.008 in.)
PBTP	PBTP	PBTP

M12 Non-Flush Mount

4mm (.16 in.)

Cable	64	65
9982-2200	9982-2264	9982-2265
9982-2300	9982-2364	9982-2365
≤10%	≤10%	≤10%
18V - 30V	18V - 30V	18V - 30V
≤10 mA	≤10 mA	≤10 mA
120 mA	120 mA	120 mA
≤1.5V	≤1.5V	≤1.5V
≤10 μA	≤10 μA	≤10 μA
1000Hz	1000Hz	1000Hz
≤15%	≤15%	≤15%
≤10%	≤10%	≤10%
.40mm (.016 in.)	.40mm (.016 in.)	.40mm (.016 in.)
PBTP	PBTP	PBTP

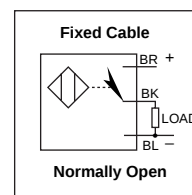
Note: Sensor dimensions in mm.



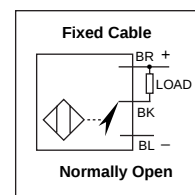
Wiring Diagrams

Note: Wire colors are applicable on cables purchased from Altech.

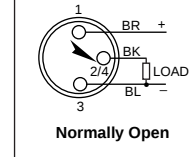
PNP



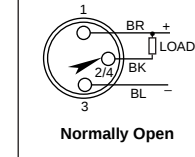
NPN



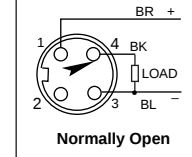
64 Connector



64 Connector



65 Connector



65 Connector

