

Honeywell

Interactive Catalog Replaces Catalog Pages

Honeywell Sensing and Control has replaced the PDF product catalog with the new **Interactive Catalog**. The **Interactive Catalog** is a power search tool that makes it easier to find product information. It includes more installation, application, and technical information than ever before.



Click this icon to try the new
Interactive Catalog.



Sensing and Control
Honeywell Inc.
11 West Spring Street
Freeport, Illinois 61032

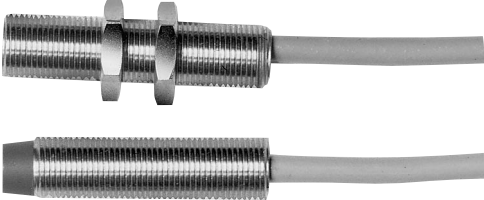
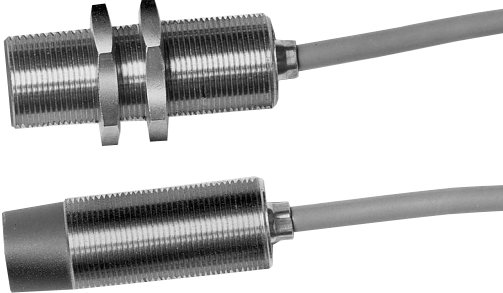
Proximity Sensors

8 to 18 mm Diameter Cylindrical
Analog 2-wire DC Type

921 Series

- FEATURES
- Sealed to IP 67
 - Variable current output
 - −25 to +85°C (−13 to +185°F) temperature range

ORDER GUIDE

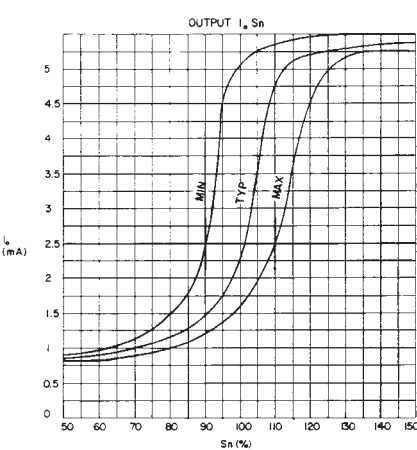
Sensor Package Style	Sensing Range mm (in.)	Sensor Type	LED	Sw. Freq.	Standard Target* mm (in.)	Output Type	Catalog Listing
	1,4 (.05) Shielded	Analog	NO	3 kHz	8 (.31)	Variable Current	921AA1Y
	2,5 (.10) Unshielded	Analog	NO	3 kHz	8 (.31)	Variable Current	921AB1Y
	2 (.08) Shielded	Analog	NO	2 kHz	12 (.47)	Variable Current	921AA2XM
	5 (.20) Unshielded	Analog	NO	2 kHz	15 (.49)	Variable Current	921AB2XM
 104,3g (3.68 oz)	5 (.20) Shielded	Analog	NO	1 kHz	18 (.71)	Variable Current	921AA3XM
	8 (.31) Unshielded	Analog	NO	1 kHz	24 (.94)	Variable Current	921AB3XM

*Square of mild steel, 1 mm (.04 in.) thick.

SPECIFICATIONS

Sensor Type	2-wire DC
Supply Voltage	5-24 VDC, 5% Ripple
Load Current, max.	10 mA
Leakage Current	NA
Voltage Drop, max.	NA
Current Consumption	10 mA max.
Repeatability, Shielded	±1%
Repeatability, Unshielded	±3%
Sensing Face Material	Polyamide
Housing Material	Nickel-plated brass
Cable Type	PVC jacket, 26 gage

OUTPUT CURVE



Proximity Sensors

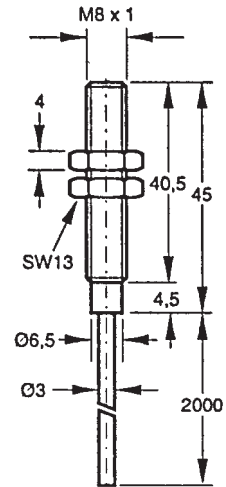
921 Series

8 to 18 mm Diameter Cylindrical

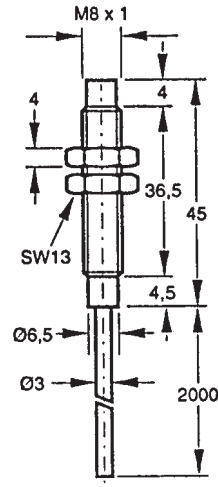
Analog 2-wire DC Type

MOUNTING DIMENSIONS $\frac{\text{mm}}{\text{in.}}$
(For reference only)

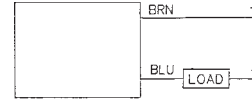
8 mm Shielded



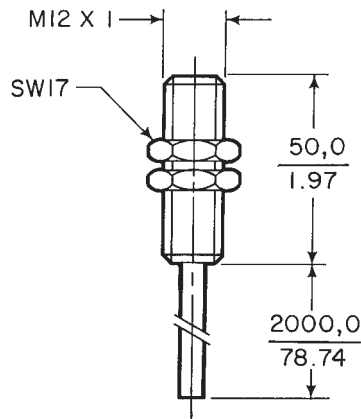
8 mm Unshielded



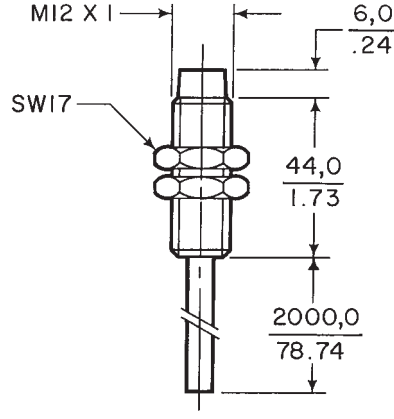
WIRING DIAGRAM



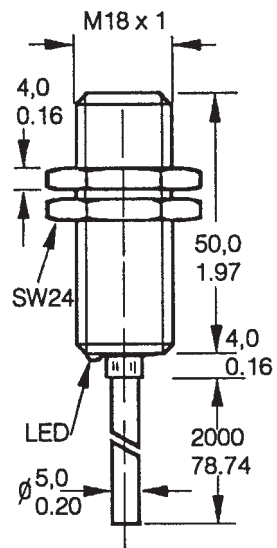
12 mm Shielded



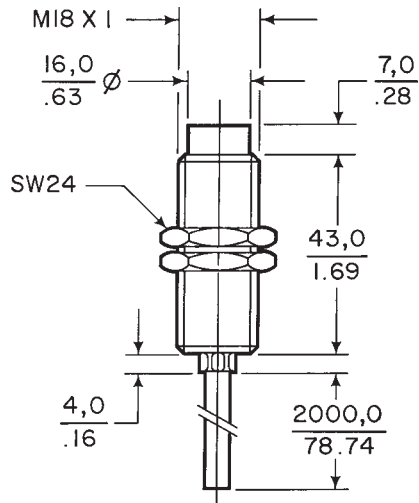
12 mm Unshielded



18 mm Shielded



18 mm Unshielded



Proximity