

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
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Freeport, Illinois 61032



Proximity Sensors

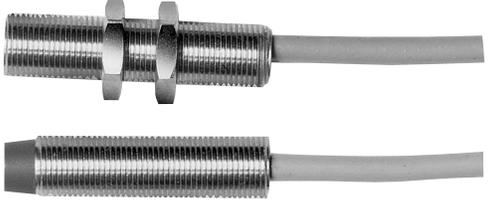
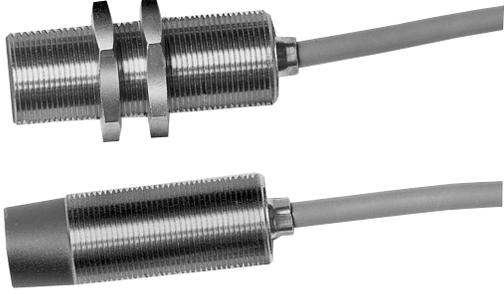
921 Series

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

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
 8 mm (.31 in.)	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
 12 mm (.47 in.)	2 (.08) Shielded	Analog	NO	2 kHz	12 (.47)	Variable Current	921AA2XM
	5 (.20) Unshielded	Analog	NO	2 kHz	15 (.49)	Variable Current	921AB2XM
 18 mm (.71 in.)	5 (.20) Shielded	Analog	NO	1 kHz	18 (.71)	Variable Current	921AA3XM
	8 (.31) Unshielded	Analog	NO	1 kHz	24 (.94)	Variable Current	921AB3XM

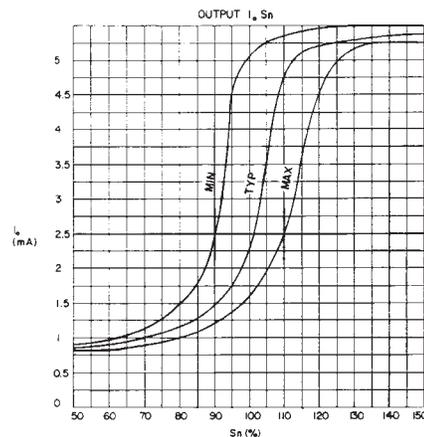
104.3g (3.68 oz)

*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



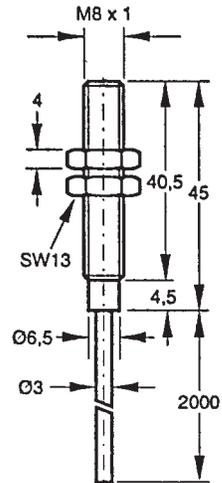
Proximity Sensors

921 Series

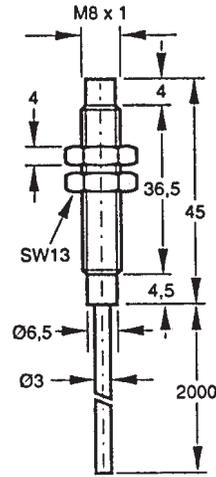
8 to 18 mm Diameter Cylindrical Analog 2-wire DC Type

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

8 mm Shielded



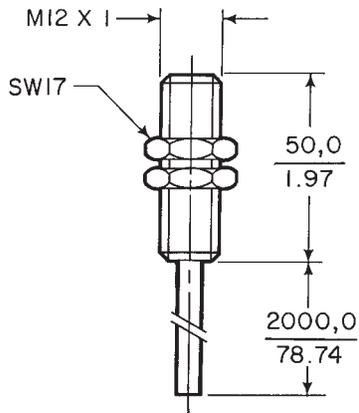
8 mm Unshielded



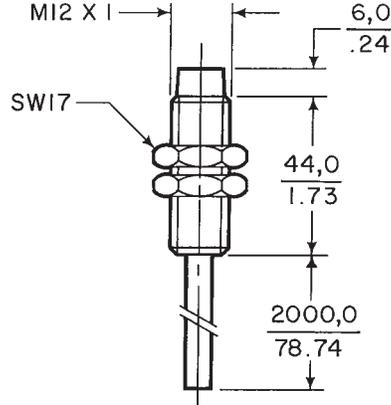
WIRING DIAGRAM



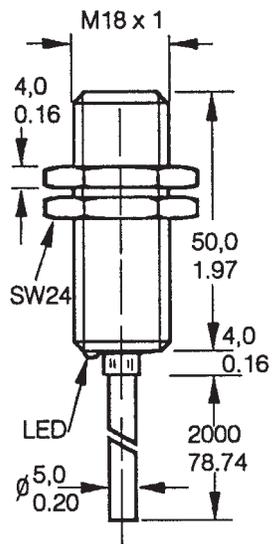
12 mm Shielded



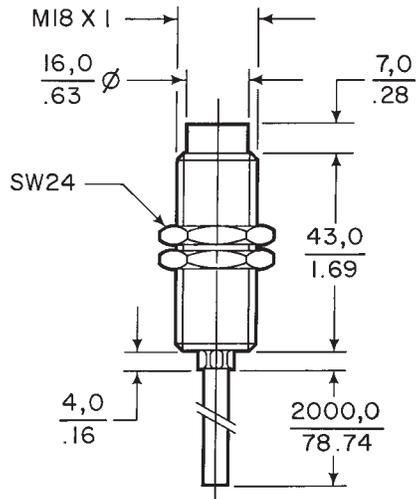
12 mm Unshielded



18 mm Shielded



18 mm Unshielded



Proximity