

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



924 Series

18 and 30 mm Diameter Cylindrical Linear 3-wire DC Type

FEATURES

- Variable voltage output
- Sealed to IP 67
- Short circuit, overload protection (DC)
- 0 to 60°C operating temperature range

ORDER GUIDE

Sensor Package Style	Sensing Range mm (in.)	Sensor Type	LED	Output Type	Standard Target* mm (in.)	Repeatability Max.	Catalog Listing
 18 mm (.71 in.) 104,3g (3.68 oz)	2-5 (.079-.197)	3-wire DC	NO	Linear	25 (.98)	.02 mm (.0008 in.)	924AB3XM-L2P
 30 mm (1.18 in.) 181,4g (6.4 oz)	4,5-9,5 (.177-.374)	3-wire DC	NO	Linear	50 (1.97)	.03 mm (.001 in.)	924AB4XM-L2P

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

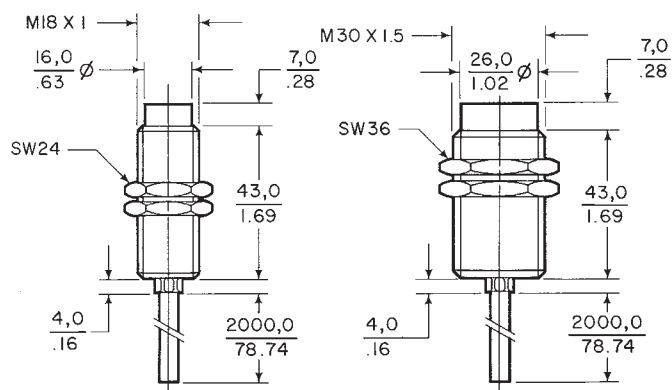
SPECIFICATIONS

Sensor Type	3-wire DC Linear Output
Supply Voltage	13.5-30 VDC (3% max. ripple)
Current Consumption	12 mA @ 30 V
Sensitivity (between 1 & 9 VDC)	2.66 V/mm (18 mm) 1.6 V/mm (30 mm)
Linearity	±0.25 VDC
Output Voltage, min./max.	0.2-10 VDC
Output Voltage Range (Linear)	1 to 9 VDC, 1 KΩ to 22 KΩ load
Response Time	1 V/msec
Load Resistance	800 to 22 K Ohms
Output Impedance	50 ohm max.
Temperature Drift	±2 mV/°C/mm
Sensing Face Material	Ceramic
Housing Material	Nickel-plated brass
Cable Type	PVC jacket, 29 gage

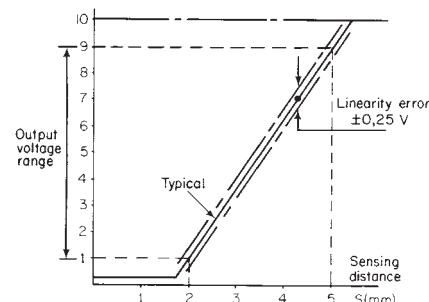
MOUNTING DIMENSIONS

(For reference only)

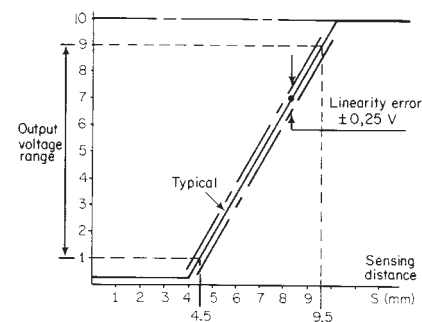
mm
in.



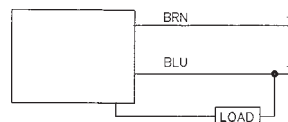
18 mm dia.



30 mm dia.



WIRING DIAGRAM



Proximity