

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

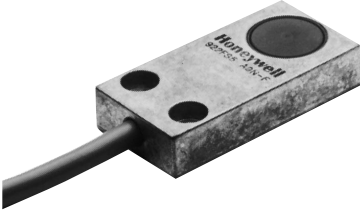
922/923FS Series

Flat Pack Style Sensors 3-Wire DC, 2-Wire AC Types

FEATURES

- Sealed to IP 67
- Pressure-cast zinc package
- -25 to 85°C (-13 to 185°F) temperature range
- Short circuit, overload, reverse polarity protection (DC)

ORDER GUIDE

Sensor Package Style	Sensing Range* mm (in.)	Sensor Type	LED	Sw. Freq.	Output Type	Catalog Listing
	5 (.20)	3-wire DC	NO	0.5 kHz	NPN, N.O.	922FS5-A9N-F
					PNP, N.O.	922FS5-A9P-F
		2-wire AC	NO	20 Hz	N.O.	923FS5-A7T-F

* Standard target is a 1 mm thick square of mild steel with sides equal to width of sensor package.

**One output is N.O., the other is N.C.

SPECIFICATIONS

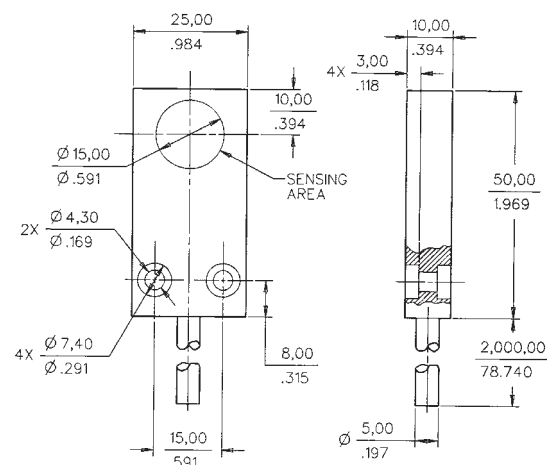
	922 Series	923 Series
Sensor Type	3-wire DC	2-wire AC
Supply Voltage	9.6-55 VDC	20-260 VAC
Load Current, min./max.	0 - 200 mA	5 - 500 mA
Leakage Current, max.	50 µA	1.5 mA
Voltage Drop, max.	2.2 V	8.5 V
Current Consumption, max.	10 mA	—
Inrush Current	—	1.2A/20 msec
Repeatability, Shielded	±3%	±3%
Hysteresis	3-15%	3-15%
Sensing Face Material	Polyamide	
Housing Material	Pressure-cast zinc	
Cable Material	PVC jacket, 22AWG	

Proximity

MOUNTING DIMENSIONS

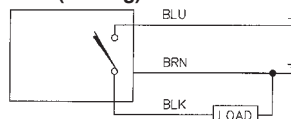
(For reference only)

mm
in.

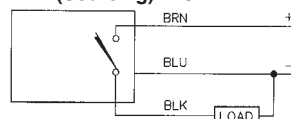


WIRING DIAGRAMS

NPN (Sinking) N.O.



PNP (Sourcing) N.O.



WIRING 2-WIRE AC SENSORS WITH CASE GROUND

Wiring sensor w/o load will cause permanent damage. The third wire is the case ground. It should be connected as earth ground.

