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Representative photograph, actual product appearance may vary.

Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.

922FS2-A6N-Z735A

One Piece Sensor, Harsh Environment 3-wire dc, Cylindrical, Stainless steel, Ceramic, NO Current Sink, 14 Vdc to 32.5 Vdc, 922 Series

Features

- All Metal Sensing
- Small housing
- High level of electronics protection
- Leadwire or connector termination
- Factory mutual certified for Class 1, Division 2, Groups A,B,C,D.

Typical Applications

- Aircraft landing gear
- Gun turret position control
- Door and hatch open/closed monitoring

Description

Environment-proof self-contained proximity sensor enclosed in a rugged stainless steel housing, designed to meet the requirements of aerospace, ordnance, marine, mass transit and high performance industrial equipment. Operation by the Eddy Current Killed Oscillator (ECKO) principle, which is used to detect metal objects passing in front of the sensing face. Once a target metal is detected, a trigger signal is produced which is then passed through the output conditioning circuitry to give a high or low output, depending on the sensor application.

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Product Specifications	
Packaging	One Piece Sensor
Sensor Type	Harsh Environment
Weight	80 g [2.8 oz]
Shape	Cylindrical
Dimension	12 mm [0.47 in]
Technology	ECKO
Cable Length	2000 mm [78.7 in]
Load Current	250 mA
Housing Material	Stainless Steel
Sensing Face	Ceramic
Gd (mm)	2.8
Operating Temperature Range	-55 °C to 85 °C [-67 °F to 185 °F]
Shock	6 g 11 ms ABD 0007
Vibration	ABD 0007 Cat 6 (D/R)
Supply Voltage	14 Vdc to 32.5 Vdc
BITE Yes/No	No
Short Circuit Yes/No	Yes
Pressure proof Yes/No	Yes
Reverse polarity Yes/No	No
MTBF (hrs)	120000
Altitude pressure	ABD 0007 -305 to 13136
Conducted suscept	RTCA/DO-160C Cat A
Conducted emission	RTCA/DO-160C Cat A
RF suscept	Mil-STD-461B
RF emission	RTCA/DO-160C Cat A
LEMP	RTCA/DO-160C Cat XXE5
Insulation Resistance	>100 Mohm @ 45 V
Termination	Leadwire
Guaranteed Actuation Distance	1 mm to 1.99 mm [0.039 in to 0.078 3 in]
Output Type	Normally Open, Current Sinking
Series Name	922 Series

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⚠ WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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