

## ZS-00434-01

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**One Piece Sensor, Harsh Environment 3-wire dc, Cylindrical, Stainless steel, Ceramic, NO Current Sink, 14 Vdc to 33 Vdc, ZS Series**

Actual product  
appearance may vary.

### Product Specifications

Packaging	One Piece Sensor
Sensor Type	Harsh Environment
Shape	Cylindrical
Dimension	M12
Technology	ECKO
Cable Length	700 mm [28 in]
Operating Frequency	2000 Hz
Load Current	200 mA
Supply Current	10 mA
Housing Material	Stainless Steel
Sensing Face	Ceramic
Gd (mm)	4.31
Guaranteed Actuation Distance	2 mm to 2.99 mm [0.0787 in to 0.1177 in]
Operating Temperature	-40 °C to 100 °C [-40 °F to 212 °F]
Shock	100 g 6 ms
Vibration	*
Supply Voltage	14 Vdc to 33 Vdc
BITE	No
Short Circuit	Yes
Pressure Proof	No
Reverse Polarity	Yes
Mean Time Between Failure	144000
Conducted Suscept	Mil-STD-461B
Conducted Emission	Mil-STD-461B
RF Suspect	Mil-STD-461B
RF Emission	Mil-STD-461B
LEMP	DEF 07-55, T2, S5
Insulation Resistance	50 Mohm @ 500 Vdc
Comments	*Freq range 10 to 500Hz, Cross Over Freq (COF) 58-62Hz, 0.75ms-2 below COF 100ms-2 above COF
Termination	Leadwire Connector

Product Specifications

Connector(s)	M83723-72R-1005N
Output Type	Normally Open, Current Sinking
Series Name	ZS

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