

ZS-00209-702

([Home](#) : [Products](#) : [Sensors](#) : [Proximity Sensors](#) : [Proximity Sensors](#) : [ZS](#))



One Piece Sensor, Harsh Environment 3-wire dc, Cylindrical, Stainless steel, Ceramic, NO Current Source, 20 Vdc to 33 Vdc, ZS Series

Actual product appearance may vary.

Product Specifications

Packaging	One Piece Sensor
Sensor Type	Harsh Environment
Shape	Cylindrical
Dimension	M18
Technology	ECKO
Cable Length	2000 mm [78.7 in]
Operating Frequency	2000 Hz
Load Current	250 mA
Supply Current	20 mA
Housing Material	Stainless Steel
Sensing Face	Ceramic
Gd (mm)	7.3
Guaranteed Actuation Distance	4 mm to 4.99 mm [0.1574 in to 0.19646 in]
Operating Temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Shock	100 g 6 ms
Vibration	*
Supply Voltage	20 Vdc to 33 Vdc
BITE	No
Short Circuit	Yes
Pressure Proof	No
Reverse Polarity	Yes
Mean Time Between Failure	160449
Conducted Suscept	Mil-STD-461B
Conducted Emission	Mil-STD-461B
RF Suscept	Mil-STD-461B
RF Emission	Mil-STD-461B
Insulation Resistance	>50 Mohm @ 500 V
Comments	*Freq range 10 to 500Hz, Cross Over Freq (COF) 58-62Hz, 0.75ms-2 below COF 100ms-2 above COF
Termination	Leadwire
Output Type	Normally Open, Current Sourcing
Series Name	ZS

