



# HONEYWELL

ZS-00321-02

*See full Datasheet below...*

**onlinecomponents.com**

THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

**BUY NOW**



**MASTER**<sup>TM</sup>  
ELECTRONICS

**BUY NOW**

masterelectronics.com & onlinecomponents.com  
are **authorized** e-commerce distributors  
of electronic components.

## Honeywell Sensing and Control

Search



**ZS-00321-02**  
 (Home : Products : Sensors » Proximity Sensors » Proximity Sensors » ZS )

**narrow your search**

**Products**

- Controls Monitoring and Lighting (286)
- Machine Safety (1727)
- Sensors (6158)
- Switches (9781)
- Wireless (45)

**Technology**

- Control and Instrumentation (890)
- Electromechanical (9303)
- Magnetic (538)
- Platinum thin film (56)
- Thick Film (1372)
- More...

**new products**

**New Wireless Products**

Go farther. Work smarter. Explore new possibilities. Just by cutting the cord and making the switch.



[Wireless Web Site WGLA and WPMM XYR6000™](#)

[find out more](#)

**white papers**

- Wireless Switches Offer Unlimited Benefit
- Basic Switches Are Not Created Equal
- Applying Precision Switches
- Sensors for Medical Devices
- New Ways to Measure Torque
- Choosing Safety Switches
- Specifying Hour Meters

**Need help?**

[Click here to contact us](#)



*Actual product appearance may vary.*

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

[Sales & Service](#) [Distributor Inventory](#)

[Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)

**Product Specifications**

|                               |  |
|-------------------------------|--|
| Packaging                     | One Piece Sensor   |
| Sensor Type                   | Harsh Environment  |
| Shape                         | Cylindrical  |
| Dimension                     | M12  |
| Technology                    | ECKO   |
| Cable Length                  | 2000 mm [78.7 in]  |
| Operating Frequency           | 2000 Hz  |
| Load Current                  | 200 mA   |
| Supply Current                | 10 mA  |
| Housing Material              | Stainless Steel  |
| Sensing Face                  | Ceramic  |
| Gd (mm)                       | 4.9  |
| 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                | 20 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   |
| Output Type                   | Normally Open, Current Sourcing  |
| Series Name                   | ZS   |

**contacts**

- Customer Service
- Technical Support
- Global Sales & Service
- View Site Demo
- Site Comments?

**meet dr. larry**

**VIDEO** - Dr. Larry Goldstein explains our newest and best technologies.



Meet Dr. Larry

**my links**

- Login to iCOM
- Login to Rep/AD Portal
- Login to Digital University

**News Center**

HONEYWELL INTRODUCES TRUSTABILITY® NSC SERIES, UNCOMPENSATED / UNAMPLIFIED BOARD MOUNT PRESSURE SENSORS

HONEYWELL EXPANDS ITS LIMITLESS™ PLATFORM WITH THE LAUNCH OF ITS GLOBALLY AVAILABLE INDUSTRIAL WIRELESS RECEIVER

HONEYWELL EXTENDS ITS TRUSTABILITY® PRESSURE SENSOR PRODUCT LINE WITH A SINGLE SIDE LIQUID MEDIA OPTION

**MICRO SWITCH Anniversary site**