

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.**

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ZS-00331-085

TWO PART 5/8" PROXIMITY SENSOR

Description :

The ZS-00331-085 two part proximity sensor is designed to work in conjunction with Honeywell Sensor Interface Module (ZS-00380 Series).

Designed for the extreme environments encountered in aerospace applications, the sensor is enclosed in a rugged hermetically sealed stainless steel housing and contains only a passive sensing element based on the variable inductance balanced bridge principle. This is used to detect ferrous objects passing in front of the sensing face. The electronic conditioning circuitry is contained on the separate Sensor Interface Module which may be located in a more sheltered environment.

The combined sensor and interface system is highly reliable with Mean Time Between Failure in excess of 500K hours.

Features :

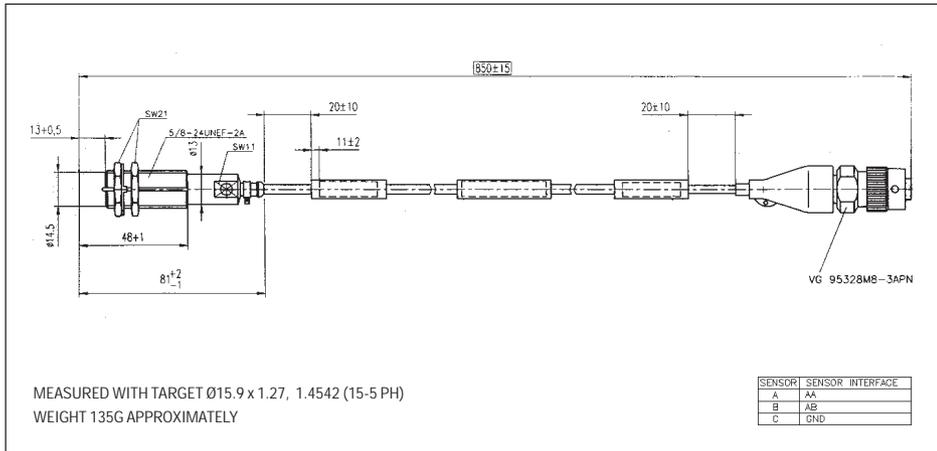
- Ferrous metal sensing
- Small size housing
- Integral cable harness and VG95328 connector
- Built In Test function (BITE)
- High reliability

Typical Applications :

- Aircraft landing gear
- Flight control systems
- Aircraft door monitoring



Dimensions in mm (for reference only)



Specifications

Sensing Characteristics :	Level	Specification (Note 1)
Operating distance	≥ 1.78 mm	Note 2
Release distance	≤ 4.06 mm	Note 2
Operating temperature	-35° C to +63° C	
Weight	135 g max	
Insulation resistance	> 10 MOhm at 500 Vdc	
Contact resistance	≤ 5 mOhm at 100 mA	

Notes :

1. Unless otherwise stated, tested to or by similarity to Honeywell internal specifications
2. Measured with Standard actuation element 43401190-001 (∅ 15.9x1.27, 1.4542) in conjunction with sensor Interface module ZS-00380-01 (see ATP-ZS-004-00 90)

Ordering guide		
Listing	Description	
ZS-00331-085	Two part 5/8" proximity sensor	