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SA050PG1C1D Stainless Steel & Media Isolated Pressure Sensors

(Home: Products)



Actual product appearance may vary.

SA Series Stainless Steel Pressure Sensor, Amplified Output, Gage, 0 psi to 50 psi, Item Number 9305928

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Overview

Specs

Documentation

Application Notes

Description

The SA pressure transducer has a water -resistant, stainless steel case for complete protection from harsh environments. Internal hermetic sealing is used to provide measurement of absolute pressures (PSIA) or pressures referenced to a sealed chamber (PSIS). Gage pressure ranges are also available from 15 psig through 50 psig.

Underwriters Laboratories has approved the SA as a component in float and pressure-operated motor controllers (File #E93356). The SA produces a high level voltage output of 1 Vdc to 6 Vdc from an unregulated supply. It is fully calibrated and compensated prior to shipment, and is field interchangeable.

Features

Features

- ? Rugged stainless steel case
- ? PSIG, PSIS and PSIA models
- ? Wide choice of pressure ranges available
- ? Ranges to 7,100 PSIS
- ? RFI/EMI protection
- ? Reverse-polarity protection
- ? For use in industrial environments
- ? Sealed construction
- ? Broad range of application
- ? For use in high-noise environments
- ? Installation safety

Potential Applications

Potential Applications

- ? Freon and ammonia refrigeration systems
- ? Hydraulic controls
- ? Agricultural sprayers and dusters
- ? Compressors
- ? Engine controls
- ? Energy-management systems
- ? Robotics
- ? Automated machining
- ? Pneumatic systems