PL-52x

Static Pressure Sensors



Features & Benefits

- Compact rugged construction
- Negligible temperature influence on accuracy
- IP65 protection
- Electrical terminals and gland to DIN EN175 301-803-A
- Supply short circuit & polarity reversal protection

Technical Overview

The PL-525 statis pressure sensors are suitable for use with a large range of liquids and gases compatible with the FPM (Viton) seal. The pressure transmitter is based on proven ceramic technology for exceptional performance speed and reliability. PL-520 pressure sensor is based upon the thick film technology where the pressure cell is fully welded. This sensor meets the high burst protection demands and is suitable for a wide range of applications.

Specification

Ambient Temperature Range	-30 to +85°C
Dimensions	105 x 65mm
Gross Weight (kg)	0.18
Media temperature	-40 to +135°C
Output	4-20mA
Pressure connection	½" BSP male
Protection	IP65
Response time	<2ms. 1ms typical
Supply Voltage	7Vdc to 33Vdc
Weight	105g

Technical Specification

Supply Voltage	7Vdc to 33Vdc
Ambient Temperature Range	-30 to +85°C
Weight	105g
Output	4-20mA
Dimensions	105 x 65mm
Material	Pressure connection: S/S 1.4404/AISI 3/6

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Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 22/07/25

Related Product Codes

PL-520-1	Liquid Static Pressure Sensor 0-1bar 4-20mA
PL-520-1.6	Liquid Static Pressure Sensor 0-1.6bar 4-20mA
PL-520-1.6-V	Liquid Static Pressure Sensor 0-16bar 0-10Vdc
PL-520-10	Pressure Sensor Analogue 0-10bar 4-20mA
PL-520-10-V	Pressure Sensor Analogue 0-10bar 0-10Vdc DIN con
PL-520-16	Liquid Static Pressure Sensor 0-16bar 4-20mA
PL-520-16-V	Liquid Static Pressure Sensor 0-16bar 0-10Vdc
PL-520-1-V	Liquid Static Pressure Sensor 0-1bar 0-10Vdc
PL-520-2.5	Liquid Static Pressure Sensor 0-2.5bar 4-20mA
PL-520-2.5-V	Liquid Static Pressure Sensor 0-2.5bar 0-10Vdc
PL-520-25	Liquid Static Pressure Trans 0-25bar 4-20mA
PL-520-25-V	Liquid Static Pressure Sensor 0-25bar 0-10Vdc
PL-520-4	Liquid Static Pressure Sensor 0-4bar 4-20mA
PL-520-40	Liquid Static Pressure Sensor 0-40bar 4-20mA
PL-520-40-V	Liquid Static Pressure Sensor 0-40bar 0-10Vdc
PL-520-4-V	Liquid Static Pressure Sensor 0-4bar 0-10Vdc
PL-520-6	Liquid Static Pressure Sensor 0-6bar 4-20mA
PL-520-6-V	Pressure Sensor Analogue 0-6bar 0-10Vdc DIN con
PL-520-CAL*	Calibration Certificate For PL-520 Range

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PL-525-0.1	Pressure Sensor 0-100mbar 4-20mA
PL-525-0.1-V	Pressure Sensor 0-100 mbar 0-10Vdc
PL-525-0.2	Pressure Sensor 200mbar 4-20mA
PL-525-0.2-V	Pressure Sensor 0-200 mbar 0-10Vdc
PL-525-0.3	Pressure Sensor 0-300mbar 4-20mA
PL-525-0.3-V	Pressure Sensor 0-300 mbar 0-10Vdc
PL-525-0.6	Pressure Sensor 0-600mbar 4-20mA
PL-525-0.6-V	Pressure Sensor 0-600 mbar 0-10Vdc
PL-525-CAL*	Liquid Pressure Calibration Certificate

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