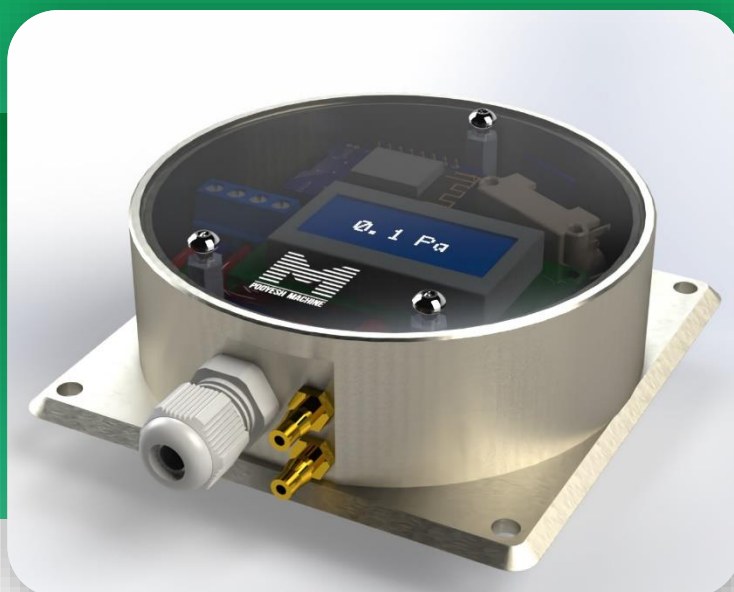


Differential Pressure Transmitter DPT-WCD-23



Overview

A Differential Pressure Transducer (DPT) is a specialized sensor designed to measure the difference in pressure between two distinct points within a system. This differential pressure, typically measured in Pascals (Pa) or other pressure units, is essential in various applications where precise pressure readings are crucial. DPTs work on the principle that the pressure differential is directly related to the flow rate, level, or other variables in the system.



Features

Measurement Range: The DPT sensor offers a measurement range of ± 500 Pa, making it suitable for a wide range of pressure monitoring applications.

Wireless Communication: It is equipped with wireless communication capabilities, allowing for convenient data transmission and remote monitoring without the need for physical connections.

Remote Configurability: Users can remotely configure and adjust sensor settings, ensuring adaptability to changing requirements and reducing the need for on-site adjustments.

LED Display: The sensor is equipped with an LED display, providing real-time pressure readings and status information for convenient on-site monitoring.

Constant Calibration: The sensor is always calibrated, eliminating the need for auto-zero or periodic recalibration, ensuring consistent and accurate pressure measurements.

Proportional Output Options: Users have the flexibility to choose from proportional output options, including $0-10$ V and $4-20$ mA, making it compatible with a variety of control and monitoring systems.

Absolute Pressure Compensation: The sensor features absolute pressure compensation, ensuring accurate readings regardless of changes in atmospheric pressure and air density.

IP68 Protection Standard: With an IP68 protection standard, the sensor is highly durable and can withstand harsh environmental conditions.

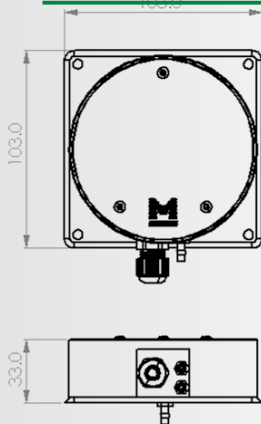
Specifications

DPT-WCD-23

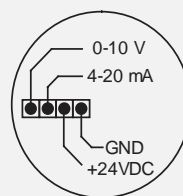
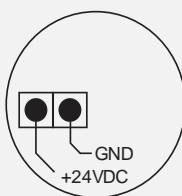
Communication:	Wireless
Accuracy	0.1 Pa
Zero point calibration:	Not required
Measuring units:	Pa, kPa, mbar, inchWC, mmWC, psi
Supply voltage:	24 VDC \pm 10 %
Output (Optional)	0-10 V , 4-20 mA
Power consumption:	< 1.0 W
Operating temperature:	-20...+50 °C
Protection standard:	IP68
Dimensions	103 x 103 x 33 mm
Weight	248 gr
Material	Shell: Al Lid: PMMA Fittings: Brass
Display	Blue LCD Display 38 x 16 mm



Dimensions:



Wiring:



Expertise: Our team of experts has developed these sensors to meet the specific needs and challenges of pharmaceutical manufacturers. We understand the importance of accurate and reliable measurements in ensuring product safety and efficacy.

Quality Assurance: Our sensors are built to the highest quality standards, utilizing top-grade materials and components. They undergo rigorous testing and calibration to guarantee optimal performance and long-term reliability.

Exceptional Support: We provide comprehensive training and technical support to assist you in the setup, operation, and maintenance of our sensors. Our dedicated support team is always available to address any queries or concerns that you may have.

Contact Us:

Tel: +98 21 7625 0470
Email: info@pooyeshmachine.com
Address: No. 13, 5th St. Fatemi Ave., Tehran, IRAN