OEM Production

DELTIMA

DPS-100-KF16 - DELTIMA Pressure Sensor

OEM PRODUCTS SERIES

DELTIMA Pressure Sensors present an efficient, reliable and long-life solution for pressure measurements in industrial automation. Wide range of available parameters allows the application of sensors in the environmental, energy and packing industry, mechanical, plant and chemical engineering, material processing and others.

Application

The pressure transmitter DMP 331 can be used in all industrial areas when the medium is compatible with stainless steel 1.4404 (316 L) and elastomer seals.

Description

The modular concept of the device allows combining different stainless steel sensors and electronic modules with a variety of electrical and mechanical versions. Thus a diversity of variations is created, meeting almost all requirements in industrial applications.

DPS-100-KF16 was designed for operation in the recommended pressure range from -0.8 to 0 bar. Its typical application is in monitoring of atmospheric pressure and negative pressure of air supply lines.
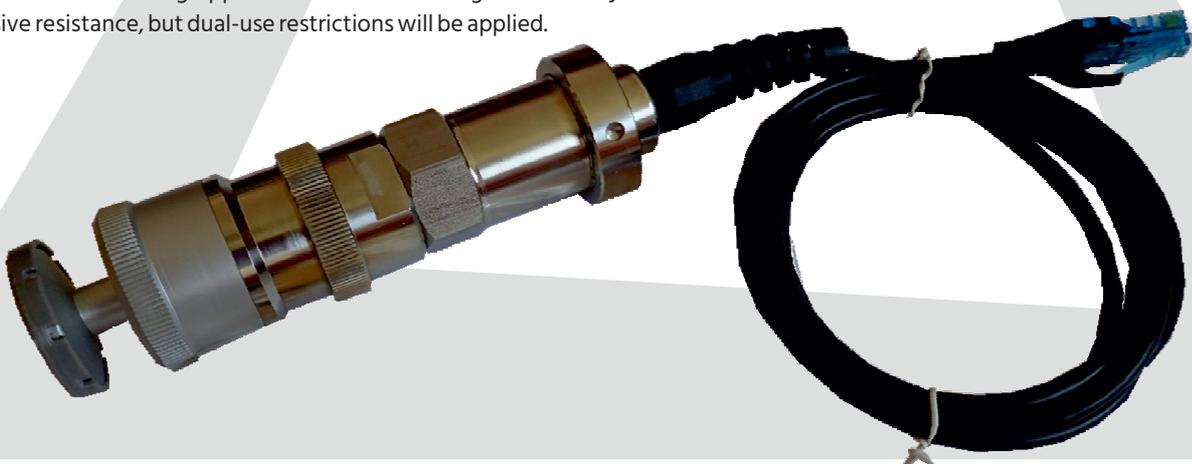
Its salient feature is its rigidity, high endurance and harsh environment resistance. IP68 enclosure provides long life operation, and its design allows easy cable exchange.

The sensor is equipped with 1.5 m long cables with RJ45 connector. Position of the power supply and data cables can be changed before final installation without any specific skills.

Note: This sensor is not designed for low vacuum operation and cannot be used for the corrosive environment. DELTIMA Precision can offer sensors for PVD coating applications or make of high nickel alloys for corrosive resistance, but dual-use restrictions will be applied.

Specifications

DPS-100-KF16	
Pressure range	5 kPa to 100 kPa
Precision	0.25 % RSD
Temperature limit/Compensation	85 °C / Yes
Supply voltage	12 - 30 V
Output voltage	0 - 10 V
Sensor material	1.4404 (316L)
Kf16 port material	EN5083
Sealin	Elastomer
Weight	500 g
Connection of sensor	ISO KF16
Connection of cable	RJ45
Cable length	1.5 m
Covering	IP68

Compliance

CE, UL

Energetic Materials
Stability & Compatibility
Heating Blocks

DELTIMA
precision

Precise solution for smart people