OsiSense™ XMLP electronic low pressure transmitter

Compact and robust: the new benchmark in low pressure monitoring

Your machines need highly reliable and affordable components for low-pressure management. The all-new OsiSense XMLP from Telemecanique Sensors combines top-level reliability and performance with compact size. It is an easy choice for a broad range of low-pressure applications in a vast number of industries.

Compact body for easier installation

OsiSense XMLP is the smallest low-pressure sensor available. It will help you optimize the design of machines for a wide range of applications, such as vacuum lifting, suction-pad material handling, water pumping, heating, and many others. Its compact size makes it easier to install even in the most confined spaces.

Outstanding robustness

OsiSense XMLP offers maximized reliability thanks to its robust housing. Depending on the electrical connector, it boasts the IP65, IP67, or IP69K degree of protection.

Best-in-class functionality

The OsiSense XMLP range delivers top-level functionality thanks to its ceramic pressure-cell technology for low-pressure [< -14.5 psi] measurement, including combined pressure ranges. It can be mounted through a remote connection or directly on the compatible OsiSense ZMLP pressure switch with display, offering an easy and economical solution for low-pressure management.

Simply easy!

Telemecanique
Sensors

Features and Benefits

Robust frame for reliable performance

The OsiSense XMLP compact low-pressure sensor features highly reliable technology to minimize machine down time.

It provides:
- High overpressure withstand (up to x4 nominal pressure)
- High resistance to corrosion (stainless steel 316L housing)
- IP65, IP67, or IP69K degrees of protection (depending on the connector)

Versatile design for broad capabilities

The OsiSense XMLP range is available in many versions and can be easily customized to meet the needs of various low-pressure applications..

It offers:
- Standard and combined pressure ranges, in bar and psi
- Various analog output types: 4 - 20 mA, 0 - 10 V, or 0.5 - 4.5 V
- Different electrical connectors: M12 male 4-pin or EN 175301-803-A. Packard Metri-Pack 150 or 2m cable.
- The most common fluid entry types: G1/4 male, 1/4" - 18NPT male or 7/16-20UNF female

Most XMLP sensors (4-20 mA, M12 connector) are compatible with OsiSense ZMLP switch, creating an easy, economical solution for a pressure switch and display function.

Part Numbers

OsiSense XMLP pressure switch

1/4" 18 NPT male Fluid entry. Other fluid entry options are available.

Analog output	Electrical Connection	Sizes						
		-14.5...0 psi	-14.5...+14.5 psi	-14.5...+60 psi	0...15 psi	0...30 psi	0...50 psi	0...100 psi
0 - 10 V	M12	XMLPM00RD73F	XMLPM15RD73F	XMLPM60RD73F	XMLP015RD73F	XMLP030RD73F	XMLP050RD73F	XMLP100RD73F
4 - 20 mA	M12	XMLPM00RD23F	XMLPM15RD23F	XMLPM60RD23F	XMLP015RD23F	XMLP030RD23F	XMLP050RD23F	XMLP100RD23F
4 - 20 mA	DIN	XMLPM00RC23F	XMLPM15RC23F	XMLPM60RC23F	XMLP015RC23F	XMLP030RC23F	XMLP050RC23F	
4 - 20 mA	Packard	XMLPM00RP23F	XMLPM15RP23F	XMLPM60RP23F	XMLP015RP23F	XMLP030RP23F	XMLP050RP23F	XMLP100RP23F

For more options of fluid entry, output, and size, visit **www.tesensors.com**

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