

XMLP016BC79

pressure transmitter - XMLP - 16bars - 7/16
female - 0..10V - DIN - set of 1



Main

Range of product	Telemecanique Pressure sensors XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLP
Electrical circuit type	Control circuit
Pressure rating	16 bar
Local display	Without
Controlled fluid	Fresh water (0...120 °C) Air (-30...120 °C) Hydraulic oil (-30...120 °C) Gas (-30...120 °C) Refrigeration fluid (-30...120 °C)
Fluid connection type	SAE 7/16-20UNF-2B (female)
Electrical connection	1 male connector EN 175301-803-A (ex DIN43650) 3 pins
[Us] rated supply voltage	24 V DC SELV (voltage limits: 14...30 V)
Current consumption	< 10 mA
Type of output signal	Analogue
Analogue output function	0...10 V, 3-wire
Quantity per set	Set of 1
Type of packing	Individual

Complementary

Pressure setting range	0...16 bar
Maximum permissible accidental pressure	32 bar
Destruction pressure	160 bar
Materials in contact with fluid	Stainless steel type AISI 304 Stainless steel type 17-4PH
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Electromagnetic compatibility	Susceptibility to electromagnetic fields conforming to IEC 61000-4-3 10 V/m 80...1000 MHz Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 2 kV 1.2/50 µs shock waves immunity test conforming to IEC 61000-4-5 500 V 12 Ohm, 1 kV 42 Ohm Radiated RF fields conforming to IEC 61000-4-6 10 V 0.15...80 MHz Electrostatic discharge immunity test conforming to IEC 61000-4-2 8 kV air, 4 kV contact
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	< 5 ms 92 % of full scale
Measurement accuracy	+/- 0.5 % of the measuring range
Resolution	Infinity
Drift of the sensitivity	+/- 0.02 % of measuring range/°K
Drift of the zero point	+/- 0.02 % of measuring range/°K
Long term stability	+/- 0.2 % of the measuring range
Mechanical durability	10000000 cycles
Net weight	0.05 kg
Diameter	30 mm

Length	25 mm
Scale type	Fixed differential

Environment

Standards	CE EN/IEC 61326-1
Product certifications	RCM[RETURN]cULus
Protective treatment	TC
Ambient air temperature for operation	-30...100 °C
Ambient air temperature for storage	-30...100 °C
Vibration resistance	20 gn (f = 10...2000 Hz) conforming to EN/IEC 60068-2-64
Shock resistance	25 gn for 11 ms conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1