

# XMLPM08BD79Q

pressure transmitter - XMLP - -1+8bar - 7/16  
female - 0..10V - M12 - set of 40



## 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	-1...8 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) conforming to DIN 3852-E
Electrical connection	1 male connector M12 4 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 25
Type of packing	Group

## Complementary

Pressure setting range	-1...8 bar
Maximum permissible accidental pressure	20 bar
Destruction pressure	100 bar
Materials in contact with fluid	Fluorocarbon FPM Ceramic Stainless steel AISI 316L
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 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 1.2/50 µs shock waves immunity test conforming to IEC 61000-4-5 1 kV 42 Ohm Immunity to magnetic fields conforming to IEC 61000-4-8 100 A/m 50 Hz
[Uimp] rated impulse withstand voltage	0.5 kV
Response time on output	<= 2 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	0.075 kg

Diameter	26 mm
Length	32.3 mm

## Environment

Standards	NSF ANSI 61 IEC 61326-2-3
Product certifications	RCM[RETURN]cULus[RETURN]CE
Ambient air temperature for operation	-30...85 °C
Ambient air temperature for storage	-50...100 °C
Vibration resistance	20 gn (f = 10...2000 Hz) conforming to IEC 60068-2-6
Shock resistance	100 gn for 11 ms conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

## Packing Units

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