Product data sheet
Characteristics

XMLP300PP730

Electronic pressure sensors, Pressure sensors XM, transmitter, XMLP, 300 PSI, 1/4"18NPT, 0...10 V, Packard, set 1

Green Premium™ Product

Main

Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor name	XMLP
Electrical circuit type	Control circuit
Pressure rating	2068.43 KPa
Local display	Without
Controlled fluid	Fresh water (0…135 °C) Air (-40…135 °C) Hydraulic oil (-40…135 °C) Gas (-40…135 °C) Refrigeration fluid (-40…135 °C)
Fluid connection type	1/4" - 18 NPT (male)
Electrical connection	1 male connector Packard Metripack 150 3 pins
[Us] rated supply voltage	24 V DC SELV (voltage limits: 12…33 V)
Current consumption	< 7 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	0.00…2068.43 KPa
Maximum permissible accidental pressure	6205.28 KPa
Destruction pressure	15168.47 KPa
Materials in contact with fluid	Stainless steel AISI 316L
Operating position	Any position
Protection type	Load short-circuit Reverse polarity
Electromagnetic compatibility	Electrical fast transient/burst immunity test conforming to EN/IEC 61000-4-4 2 kV Electrostatic discharge immunity test conforming to EN/IEC 61000-4-2 8 k-V air, 4 kV contact 1.2/50 µs shock waves immunity test conforming-to EN/IEC 61000-4-5 1 kV 42 Ohm Immunity to magnetic fields conforming to EN/IEC 61000-4-8 100 A/m 50 Hz Susceptibility to electromagnetic fields conforming-to EN/IEC 61000-4-3 10 V/m 80...3000 MHz Radiated RF fields conforming to EN/IEC 61000-4-6 10 V 0.01...80 MHz

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[Uimp] rated impulse withstand voltage	0.5 KV
Response time on output	<= 2 ms 10...90 % of full scale
Measurement accuracy	+/- 0.5 % of the measuring range
Accuracy	0.1 % of the measuring range
Drift of the sensitivity	+/- 0.02 % of measuring range/°K
Drift of the zero point	+/- 0.02 % of measuring range/°K
Mechanical durability	10000000 Cycles
Product weight	0.09 Kg
Diameter	26 Mm
Length	55 Mm

Environment

Standards	EN/IEC 61326-2-3 NSF ANSI 61
Product certifications	CE CULus EAC RCM
Protective treatment	TC
Ambient air temperature for operation	-30…85 °C
Ambient air temperature for storage	-50…100 °C
Vibration resistance	20 gn (f = 15…2000 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	100 gn for 11 ms conforming to EN/IEC 60068-2-27
IP degree of protection	IP65 conforming to EN/IEC 60529 IP67 conforming to EN/IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	89 G
Package 1 Height	4.2 Cm
Package 1 width	4.7 Cm
Package 1 Length	8.7 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Weight	2.324 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Product Life Status :   Commercialised

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Authorized Distributor

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