

Product data sheet

Specifications



pressure transmitter - XMLP -
10bars - G1/4A male - 4..20mA -
M12 - set of 1

XMLP010BD21V

⚠ Discontinued on: Oct 31, 2017

⚠ Discontinued

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 | 10 bar |
| Local Display | Without |
| Controlled Fluid | Air (-20...120 °C) Fresh water (0...120 °C) Hydraulic oil (-20...120 °C) Gas (-20...120 °C) Refrigeration fluid (-20...120 °C) |
| Fluid Connection Type | G 1/4A (male) conforming to DIN 3852-E |
| Electrical Connection | 1 male connector M12 4 pins |
| [Us] Rated Supply Voltage | 12...24 V DC SELV (voltage limits: 8...30 V) |
| Current Consumption | < 20 mA |
| Type Of Output Signal | Analogue |
| Analogue Output Function | 4...20 mA, 2-wire |
| Quantity Per Set | Set of 1 |
| Type Of Packing | Individual |

Complementary

| | |
|---|--|
| Pressure Setting Range | 0...10 bar |
| Maximum Permissible Accidental Pressure | 20 bar |
| Destruction Pressure | 100 bar |
| Materials In Contact With Fluid | Fluorocarbon FKM (Viton) Stainless steel type 17-4PH Stainless steel type AISI 304 |
| Operating Position | Any position |
| Protection Type | Load short-circuit Reverse polarity |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| 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 | 26 mm |
| Scale Type | Fixed differential |

Environment

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|---------------------------------------|---|
| Standards | CE EN/IEC 61326-1 |
| Product Certifications | RCM 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 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050 |

Packing Units

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|------------------------------|-----|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov