

## Main

Range of product	OsiSense XM
Product or component type	Electronic pressure sensors
Pressure sensor type	Pressure transmitter
Pressure sensor size	-1 bar
Pressure sensor name	XMLE
Controlled fluid	Fresh water (0...80 °C) Hydraulic oil (-15...80 °C) Corrosive fluid (-15...80 °C) Air (-15...80 °C)
Fluid connection type	1/4" - 18 NPT (male)
Type of output signal	Analogue
Electrical connection	Male connector M12
Analogue output function	4...20 mA, 2 wires
[Us] rated supply voltage	24 V DC, voltage limits: 11...33 V
Diameter	40 mm

## Complementary

Enclosure material	Anodised aluminium
Type of installation	Control circuit
Operating position	Any position
Materials in contact with fluid	Stainless steel type AISI 303
Maximum permissible accidental pressure	1 bar
Maximum permissible pressure - per cycle	1 bar
Destruction pressure	2 bar
Drift of the sensitivity	+/- 0.015 % of measuring range/°C
Drift of the zero point	+/- 0.03 % of measuring range/°C
Protection type	Overload protection Reverse polarity Short-circuit
Local display	Without
Mechanical durability	>= 10000000 cycles
Measurement accuracy	+/- 0.3 % of the measuring range
Product weight	0.3 kg

## Environment

IP degree of protection	IP65
Vibration resistance	5 gn (f = 25...200 Hz) 35 gn (f = 60...2000 Hz)
Protective treatment	TC
Shock resistance	50 gn
Standards	CE EN 50081 EN 50082
Product certifications	CSA UL
Ambient air temperature for operation	-15...80 °C

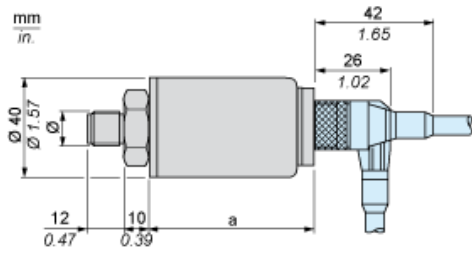
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## Offer Sustainability

RoHS (date code: YYWW)

Compliant - since 0627 - [Schneider Electric declaration of conformity](#)

Dimensions



$\varnothing$  : 1/2 NPT

Dimensions in mm

a
65

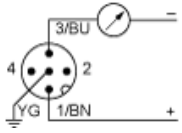
Dimensions in in.

a
2.56

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Wiring Diagram

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(BU) Blue  
(BN) Brown  
(YG) Yellow Green

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Output Curves

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