

Pressure transmitters OsiSense XMLP for industrial applications

Catalogue





DB367 SWL 3 TON

A compact and optimised product for industrial applications

The new **OsiSense XMLP** pressure transmitters are for regulating fluid pressure on industrial machines.

They are optimised for OEMs (Original Equipment Manufacturers) who design and build industrial machines in sectors such as hydraulic, HVAC, pump, hoisting equipment, etc.

> “All fluid” technology

A “thin film” technology without gasket

> Compact and robust format

A stainless steel product easy to integrate

> Worldwide availability

The assurance of finding a replacement product



100%

Suited to industrial applications

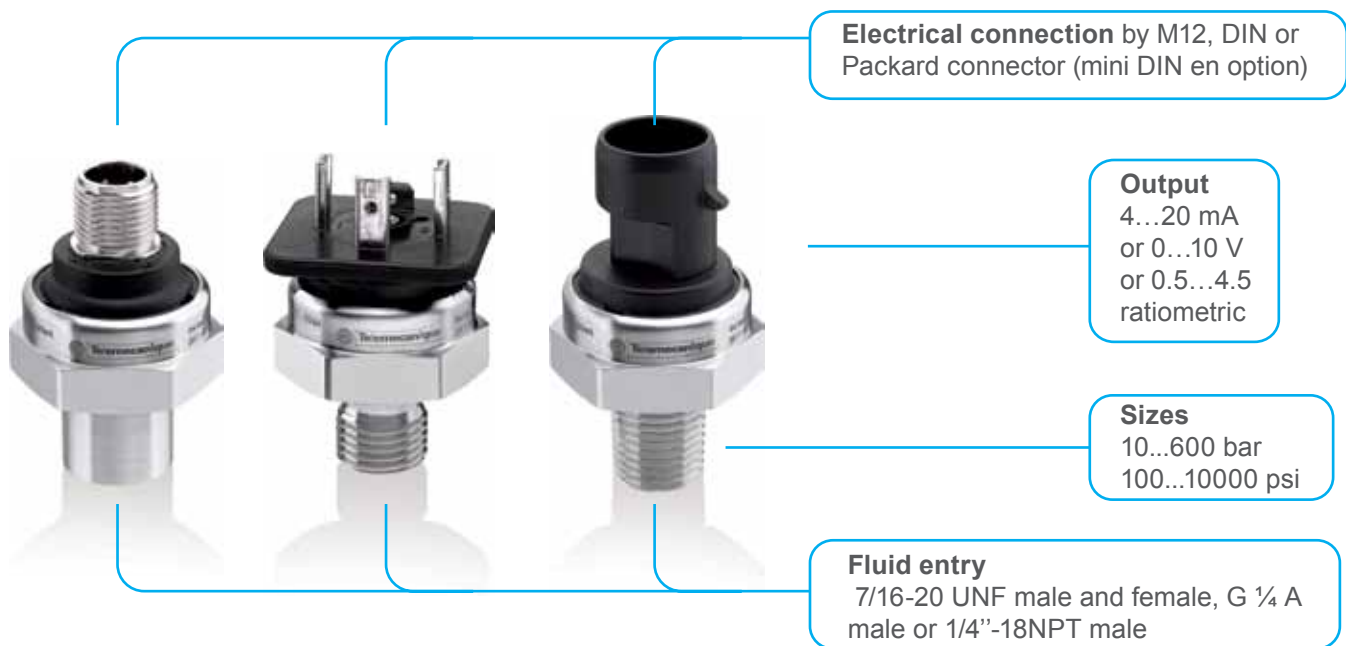
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Simply easy!™

“All fluid” technology

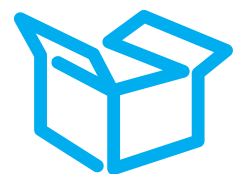
A “thin film” technology without gasket is one of the major features of **OsiSense XMLP** pressure transmitters. The pressure unit is welded directly onto product’s body. This contributes to its excellent reliability and its compatibility with all types of fluid, such as hydraulic oils, refrigerating gas, fresh water, air.



OsiSense XMLP pressure transmitters are well suited to machine manufacturers.

Offering high performance, it is a very economical product for manufacturers of hydraulic machines or refrigerating groups.

They are sold in lots, making unpacking easier and reducing packaging disposal.

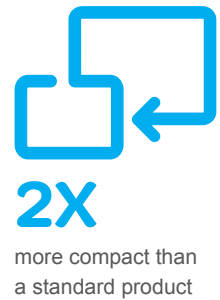
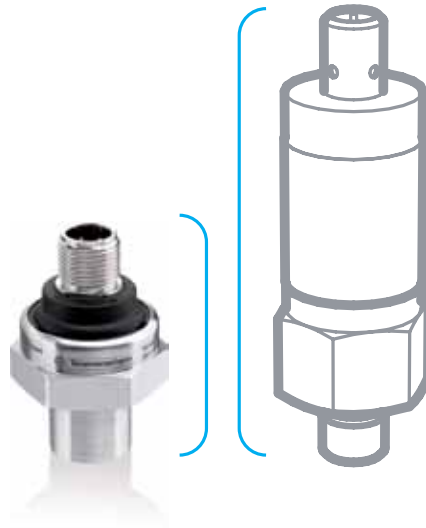


75%

Less packaging
for environmental
friendliness
and making life easier

Compact and robust format

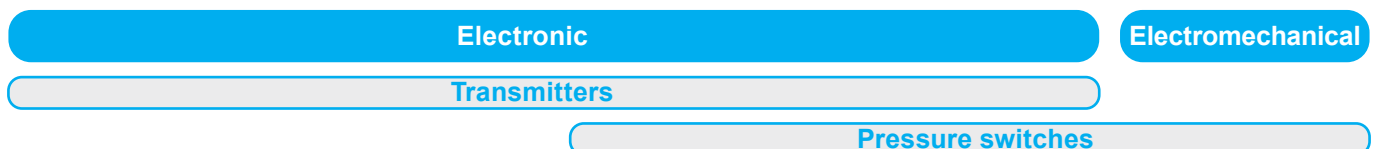
OsiSense XMLP pressure transmitters are compact products (30 mm diameter x 50 mm long) and can be mounted in the most confined spaces of your machines. The robustness of the **304 stainless steel case** makes it a product particularly suited to industrial machines.



> Worldwide availability

A worldwide network of local distribution centres ensures the availability of Telemecanique Sensors products.

> A globally compatible range



XMLP range

- Economic offer specially for industrial machine manufacturers
- Compactness
- Robustness
- 0...600 bar



XMLK range

- Economic offer specially for pump manufacturers
- Simplicity
- 0...25 bar



XMLG range

- Offer specially for industrial machine manufacturers
- High precision
- Metal case
- EMC protection
- 1...400 bar



XMLF range

- Offer specially for industrial applications
- Display screen
- Adjustable differential using buttons
- 1...600 bar



XMLA/ XMLB range

- Offer specially for industrial applications
- Robustness
- Adjustable differential using screws
- 1...500 bar

Electronic pressure sensors

OsiSense XM

Pressure transmitters type XML P

For control circuits



Presentation

Pressure transmitters XML P are characterised by their "thin film" technology. The stainless steel pressure sensing capsule is directly welded onto the stainless steel body of the transmitter, which provides the following advantages:

- no gasket in contact with the fluid required,
- compatibility with all types of fluid.

Designed in stainless steel AISI 304, they are compact and robust.

These transmitters are therefore specially suited to applications such as:

- hydraulic circuits on all types of machine,
- refrigeration (HVAC).

Functions

Pressure sensors XML P have an analogue output signal:

- 4...20 mA,
 - 0...10 V,
 - 0.5...4.5 V,
- proportional to the pressure ranges available (10 to 600 bar and 100 to 10 000 psi).

The XML P offer is available in three types of electrical connection:

- M12, 4-pin connector,
- EN 175301-803-A connector (ex-DIN 43650).
- Packard Metri-Pack 150 connector.

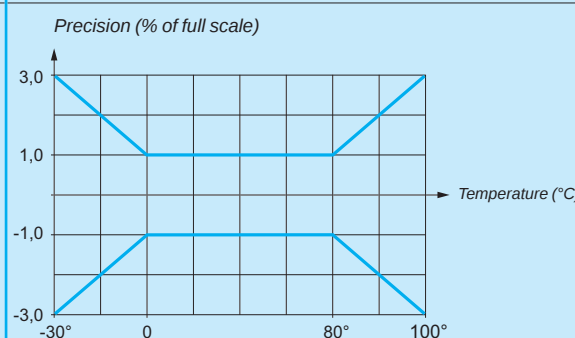
Several types of fluid connection are available:

- G1/4 A male,
- SAE 7/16-20 UNF-2A male,
- SAE 7/16-20 UNF-2B female,
- 1/4"-18NPT male.

XML P sensors are sold in lots of 40 or individually.

Other versions

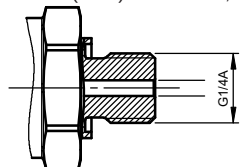
Electrical connection: EN 175301-803-B (9.4 mm).
Please consult our Customer Care Centre.

Environment characteristics					
Transmitters			4...20 mA	0...10 V	0.5...4.5 V
Conformity to standards			CE, ROHS, EN 61326		
Product certifications			cULus		
Rated supply voltage	Transmitters 4...20 mA	V	--- 12/24	—	—
	Transmitters 0...10 V	V	—	--- 24	—
	Transmitters 0.5...4.5 V ratiometric	V	—	—	--- 5
Voltage limits	Transmitters 4...20 mA	V	--- 8...30	—	—
	Transmitters 0...10 V	V	—	--- 14...30	—
	Transmitters 0.5...4.5 V ratiometric	V	—	—	--- 5 (± 5 %)
Current consumption		mA	≤ 20	≤ 10	≤ 5
Protective treatment			Standard version “TC”		
Ambiant air temperature	For operation	°C	- 30...+ 100		
	For storage	°C	- 30...+ 100		
Fluids or products controlled			Hydraulic oils, air, fresh water, refrigeration fluids and all fluids or gas compatible with stainless steel AISI 304		
Temperature of fluids controlled		°C	- 30...+ 120 (- 20...+ 120, with fluorocarbon FKM (Viton) gasket)		
Components materials in contact with fluid	Fluid connection		Stainless steel AISI 304		
	Sensing element		Stainless steel 17-4PH		
	Housing		Stainless steel AISI 304 and plastic PA66 (GF + MD)		
	External gasket		Depending on model: no gasket or fluorocarbon FKM (Viton) gasket		
Operating position			All positions		
Vibration resistance			20 gn (10...2000 Hz), conforming to EN/IEC 60068-2-64		
Shock resistance			25 gn (half sine wave 11 ms) conforming to EN/IEC 60068-2-27		
Rated impulse withstand voltage			Uimp = 0.5 kV		
Resistance to electromagnetic interference	Electrostatic discharges		8 kV in air, 4 kV on contact, conforming to EN/IEC 61000-4-2		
	Radiated electromagnetic fields		10 V/m from 80 to 1000 MHz, 3 V/m from 1400 to 2000 MHz, conforming to EN/IEC 61000-4-3		
	Fast transients		± 1 kV, conforming to EN/IEC 61000-4-4		
	Surges		± 1 kV, conforming to EN/IEC 61000-4-5		
	Conducted disturbances, induced by radio frequency fields		10 V from 0.15 to 80 MHz, conforming to EN/IEC 61000-4-6		
Electrical protection			Protected against reverse polarity and short-circuit		
Degree of protection			IP 65 (EN 175301-803-A connector version) IP 65 and IP 67 (M12 and Packard Metri-Pack connector versions), conforming to EN/IEC 60529. IP 69K (M12 connector version), conforming to DIN 40050.		
Output response time		ms	< 5		
Linearity error			< ± 0.5 % of the measuring range, conforming to IEC 61298-2		
Hysteresis			< 0.2 % of the measuring range		
Repeat accuracy			< 0.1 % of the measuring range, conforming to IEC 61298-2		
Precision			<i>Precision (% of full scale)</i>  Temperature (°C)		
Service life			> 10 million operating cycles		
Fluid connection			G1/4 A (male) DIN 3852-E, G1/4 (male) DIN 3852-A, SAE 7/16-20 UNF-2B (female), SAE 7/16-20 UNF-2A (male), 1/4"-18NPT (male).		
Electrical connection			M12, 4-pins connector, EN 175301-803-A (ex-DIN 43650), Packard Metri-Pack 150, 3-pins connector.		

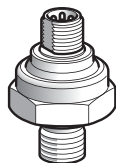
Sizes 10 to 60 bar (145 to 870 psi)

Units with analogue output

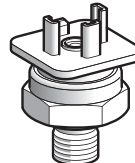
G 1/4 A (male) DIN 3852-E, with fluorocarbon FKM gasket



M12 connector



EN 175301-803-A connector



Pressure range	0... 10 (145 psi)	0... 16 (232 psi)	0... 25 (362.5 psi)	0... 40 (580 psi)	0... 60 (870 psi)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P010BD21V	XML P016BD21V	XML P025BD21V	XML P040BD21V	XML P060BD21V
	bulk (1)	XML P010BD21VQ (1)	XML P016BD21VQ (1)	XML P025BD21VQ (1)	XML P040BD21VQ (1)	XML P060BD21VQ (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC21V	XML P016BC21V	XML P025BC21V	XML P040BC21V	XML P060BC21V
	bulk (1)	XML P010BC21VQ (1)	XML P016BC21VQ (1)	XML P025BC21VQ (1)	XML P040BC21VQ (1)	XML P060BC21VQ (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P010BD71V	XML P016BD71V	XML P025BD71V	XML P040BD71V	XML P060BD71V
	bulk (1)	XML P010BD71VQ (1)	XML P016BD71VQ (1)	XML P025BD71VQ (1)	XML P040BD71VQ (1)	XML P060BD71VQ (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC71V	XML P016BC71V	XML P025BC71V	XML P040BC71V	XML P060BC71V
	bulk (1)	XML P010BC71VQ (1)	XML P016BC71VQ (1)	XML P025BC71VQ (1)	XML P040BC71VQ (1)	XML P060BC71VQ (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P010BD11V	XML P016BD11V	XML P025BD11V	XML P040BD11V	XML P060BD11V
	bulk (1)	XML P010BD11VQ (1)	XML P016BD11VQ (1)	XML P025BD11VQ (1)	XML P040BD11VQ (1)	XML P060BD11VQ (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC11V	XML P016BC11V	XML P025BC11V	XML P040BC11V	XML P060BC11V
	bulk (1)	XML P010BC11VQ (1)	XML P016BC11VQ (1)	XML P025BC11VQ (1)	XML P040BC11VQ (1)	XML P060BC11VQ (1)

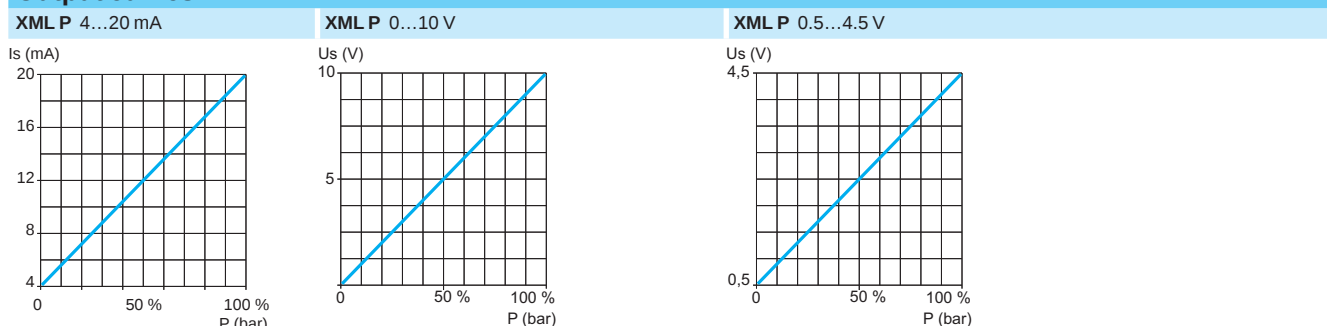
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	Fluorocarbon (Viton)				
Maximum permissible accidental pressure	20 bar (290 psi)	32 bar (464 psi)	50 bar (725 psi)	80 bar (1160 psi)	120 bar (1740 psi)
Destruction pressure	30 bar (435 psi)	48 bar (696 psi)	75 bar (1087.5 psi)	120 bar (1740 psi)	180 bar (2610 psi)

Output curves



Other versions:

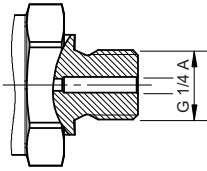
Electrical connection: EN 175301-803-B (9.4 mm).

Please consult our Customer Care Centre.

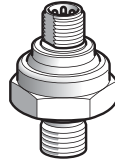
Sizes 100 to 600 bar (1450 to 8700 psi)

Units with analogue output

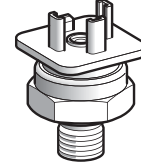
G 1/4 A (male) DIN 3852-A



M12 connector



EN 175301-803-A connector



Pressure range	0... 100 (1450 psi)	0... 160 (2320 psi)	0... 250 (3625 psi)	0... 400 (5800 psi)	0... 600 (8700 psi)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P100BD22	XML P160BD22	XML P250BD22	XML P400BD22	XML P600BD22
	bulk (1)	XML P100BD22Q (1)	XML P160BD22Q (1)	XML P250BD22Q (1)	XML P400BD22Q (1)	XML P600BD22Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P100BC22	XML P160BC22	XML P250BC22	XML P400BC22	XML P600BC22
	bulk (1)	XML P100BC22Q (1)	XML P160BC22Q (1)	XML P250BC22Q (1)	XML P400BC22Q (1)	XML P600BC22Q (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P100BD72	XML P160BD72	XML P250BD72	XML P400BD72	XML P600BD72
	bulk (1)	XML P100BD72Q (1)	XML P160BD72Q (1)	XML P250BD72Q (1)	XML P400BD72Q (1)	XML P600BD72Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P100BC72	XML P160BC72	XML P250BC72	XML P400BC72	XML P600BC72
	bulk (1)	XML P100BC72Q (1)	XML P160BC72Q (1)	XML P250BC72Q (1)	XML P400BC72Q (1)	XML P600BC72Q (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P100BD12	XML P160BD12	XML P250BD12	XML P400BD12	XML P600BD12
	bulk (1)	XML P100BD12Q (1)	XML P160BD12Q (1)	XML P250BD12Q (1)	XML P400BD12Q (1)	XML P600BD12Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P100BC12	XML P160BC12	XML P250BC12	XML P400BC12	XML P600BC12
	bulk (1)	XML P100BC12Q (1)	XML P160BC12Q (1)	XML P250BC12Q (1)	XML P400BC12Q (1)	XML P600BC12Q (1)

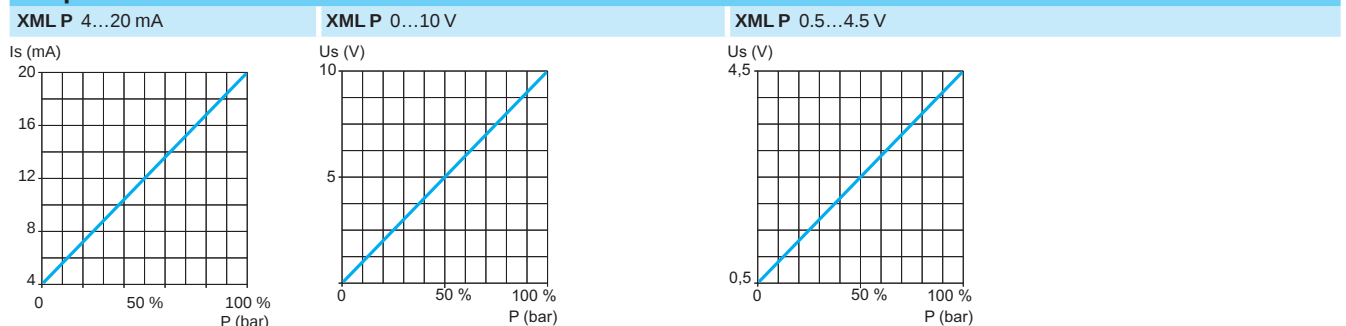
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	None. Aluminium or copper gasket possible, please consult our Customer Care Centre.				
Maximum permissible accidental pressure	200 bar (2900 psi)	320 bar (4640 psi)	375 bar (5437.5 psi)	600 bar (8700 psi)	900 bar (13 050 psi)
Destruction pressure	300 bar (4350 psi)	400 bar (5800 psi)	500 bar (7250 psi)	800 bar (11 600 psi)	1200 bar (17 400 psi)

Output curves



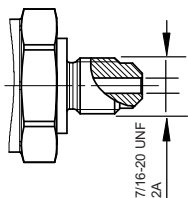
Other versions:

Electrical connection: EN 175301-803-B (9.4 mm).
Please consult our Customer Care Centre.

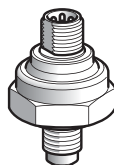
Sizes 10 to 60 bar (145 to 870 psi)

Units with analogue output

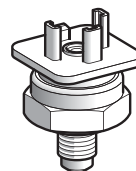
SAE 7/16-20 UNF-2A (male)



M12 connector



EN 175301-803-A connector



Pressure range	0... 10 (145 psi)	0... 16 (232 psi)	0... 25 (362.5 psi)	0... 40 (580 psi)	0... 60 (870 psi)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P010BD27	XML P016BD27	XML P025BD27	XML P040BD27	XML P060BD27
	bulk (1)	XML P010BD27Q (1)	XML P016BD27Q (1)	XML P025BD27Q (1)	XML P040BD27Q (1)	XML P060BD27Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC27	XML P016BC27	XML P025BC27	XML P040BC27	XML P060BC27
	bulk (1)	XML P010BC27Q (1)	XML P016BC27Q (1)	XML P025BC27Q (1)	XML P040BC27Q (1)	XML P060BC27Q (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P010BD77	XML P016BD77	XML P025BD77	XML P040BD77	XML P060BD77
	bulk (1)	XML P010BD77Q (1)	XML P016BD77Q (1)	XML P025BD77Q (1)	XML P040BD77Q (1)	XML P060BD77Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC77	XML P016BC77	XML P025BC77	XML P040BC77	XML P060BC77
	bulk (1)	XML P010BC77Q (1)	XML P016BC77Q (1)	XML P025BC77Q (1)	XML P040BC77Q (1)	XML P060BC77Q (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P010BD17	XML P016BD17	XML P025BD17	XML P040BD17	XML P060BD17
	bulk (1)	XML P010BD17Q (1)	XML P016BD17Q (1)	XML P025BD17Q (1)	XML P040BD17Q (1)	XML P060BD17Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC17	XML P016BC17	XML P025BC17	XML P040BC17	XML P060BC17
	bulk (1)	XML P010BC17Q (1)	XML P016BC17Q (1)	XML P025BC17Q (1)	XML P040BC17Q (1)	XML P060BC17Q (1)

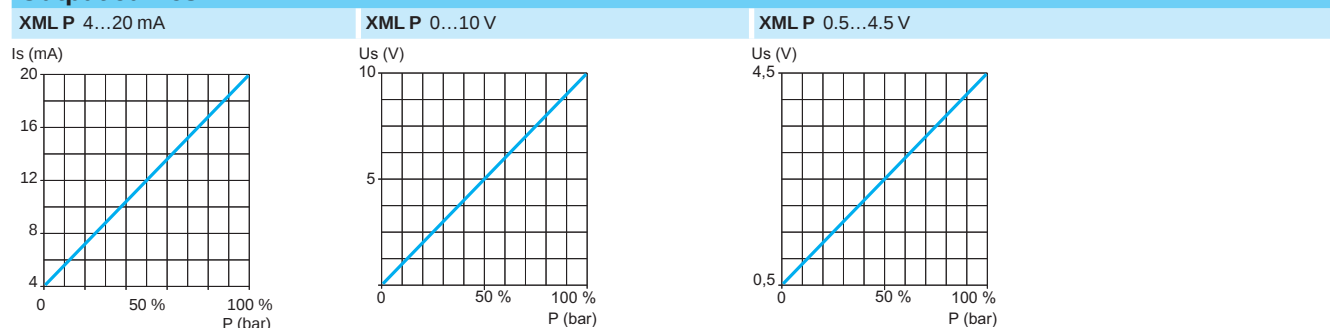
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	None				
Maximum permissible accidental pressure	20 bar (290 psi)	32 bar (464 psi)	50 bar (725 psi)	80 bar (1160 psi)	120 bar (1740 psi)
Destruction pressure	30 bar (435 psi)	48 bar (696 psi)	75 bar (1087.5 psi)	120 bar (1740 psi)	180 bar (2610 psi)

Output curves



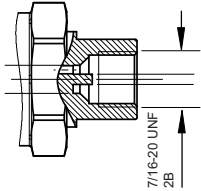
Other versions:

Electrical connection: EN 175301-803-B (9.4 mm).
Please consult our Customer Care Centre.

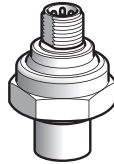
Sizes 10 to 60 bar (145 to 870 psi)

Units with analogue output

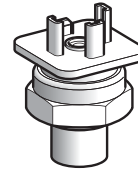
SAE 7/16-20 UNF-2B (female)



M12 connector



EN 175301-803-A connector



Pressure range	0... 10 (145 psi)	0... 16 (232 psi)	0... 25 (362.5 psi)	0... 40 (580 psi)	0... 60 (870 psi)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P010BD29	XML P016BD29	XML P025BD29	XML P040BD29	XML P060BD29
	bulk (1)	XML P010BD29Q (1)	XML P016BD29Q (1)	XML P025BD29Q (1)	XML P040BD29Q (1)	XML P060BD29Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC29	XML P016BC29	XML P025BC29	XML P040BC29	XML P060BC29
	bulk (1)	XML P010BC29Q (1)	XML P016BC29Q (1)	XML P025BC29Q (1)	XML P040BC29Q (1)	XML P060BC29Q (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P010BD79	XML P016BD79	XML P025BD79	XML P040BD79	XML P060BD79
	bulk (1)	XML P010BD79Q (1)	XML P016BD79Q (1)	XML P025BD79Q (1)	XML P040BD79Q (1)	XML P060BD79Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC79	XML P016BC79	XML P025BC79	XML P040BC79	XML P060BC79
	bulk (1)	XML P010BC79Q (1)	XML P016BC79Q (1)	XML P025BC79Q (1)	XML P040BC79Q (1)	XML P060BC79Q (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P010BD19	XML P016BD19	XML P025BD19	XML P040BD19	XML P060BD19
	bulk (1)	XML P010BD19Q (1)	XML P016BD19Q (1)	XML P025BD19Q (1)	XML P040BD19Q (1)	XML P060BD19Q (1)

EN 175301-803-A connector

Sold in packs of:	1	XML P010BC19	XML P016BC19	XML P025BC19	XML P040BC19	XML P060BC19
	bulk (1)	XML P010BC19Q (1)	XML P016BC19Q (1)	XML P025BC19Q (1)	XML P040BC19Q (1)	XML P060BC19Q (1)

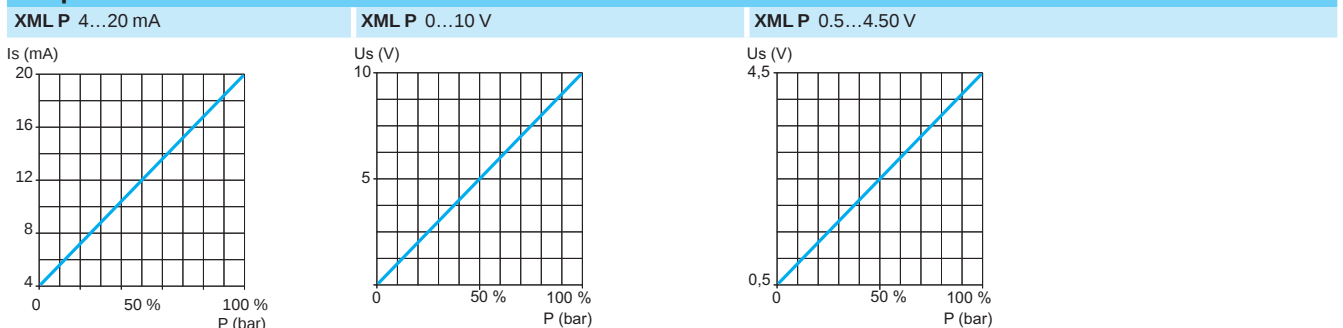
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	None				
Maximum permissible accidental pressure	20 bar (290 psi)	32 bar (464 psi)	50 bar (725 psi)	80 bar (1160 psi)	120 bar (1740 psi)
Destruction pressure	30 bar (435 psi)	48 bar (696 psi)	75 bar (1087.5 psi)	120 bar (1740 psi)	180 bar (2610 psi)

Output curves



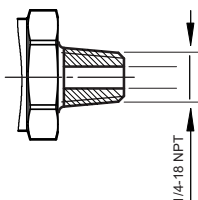
Other versions:

Electrical connection: EN 175301-803-B (9.4 mm).
Please consult our Customer Care Centre.

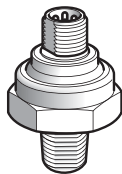
Sizes 100 tp 600 psi (6.9 to 41.4 bar)

Units with analogue output

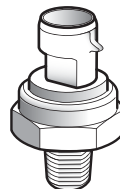
1/4"-18NPT (male)



M12 connector



Packard Metri-Pack 150 connector



Pressure range	0... 100 psi (6.9 bar)	0... 150 psi (10.3 bar)	0... 200 psi (13.8 bar)	0... 300 psi (20.7 bar)	0... 600 psi (41.4 bar)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P100PD23	XML P150PD23	XML P200PD23	XML P300PD23	XML P600PD23
	bulk (1)	XML P100PD23Q (1)	XML P150PD23Q (1)	XML P200PD23Q (1)	XML P300PD23Q (1)	XML P600PD23Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P100PP23	XML P150PP23	XML P200PP23	XML P300PP23	XML P600PP23
	bulk (1)	XML P100PP23Q (1)	XML P150PP23Q (1)	XML P200PP23Q (1)	XML P300PP23Q (1)	XML P600PP23Q (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P100PD73	XML P150PD73	XML P200PD73	XML P300PD73	XML P600PD73
	bulk (1)	XML P100PD73Q (1)	XML P150PD73Q (1)	XML P200PD73Q (1)	XML P300PD73Q (1)	XML P600PD73Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P100PP73	XML P150PP73	XML P200PP73	XML P300PP73	XML P600PP73
	bulk (1)	XML P100PP73Q (1)	XML P150PP73Q (1)	XML P200PP73Q (1)	XML P300PP73Q (1)	XML P600PP73Q (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P100PD13	XML P150PD13	XML P200PD13	XML P300PD13	XML P600PD13
	bulk (1)	XML P100PD13Q (1)	XML P150PD13Q (1)	XML P200PD13Q (1)	XML P300PD13Q (1)	XML P600PD13Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P100PP13	XML P150PP13	XML P200PP13	XML P300PP13	XML P600PP13
	bulk (1)	XML P100PP13Q (1)	XML P150PP13Q (1)	XML P200PP13Q (1)	XML P300PP13Q (1)	XML P600PP13Q (1)

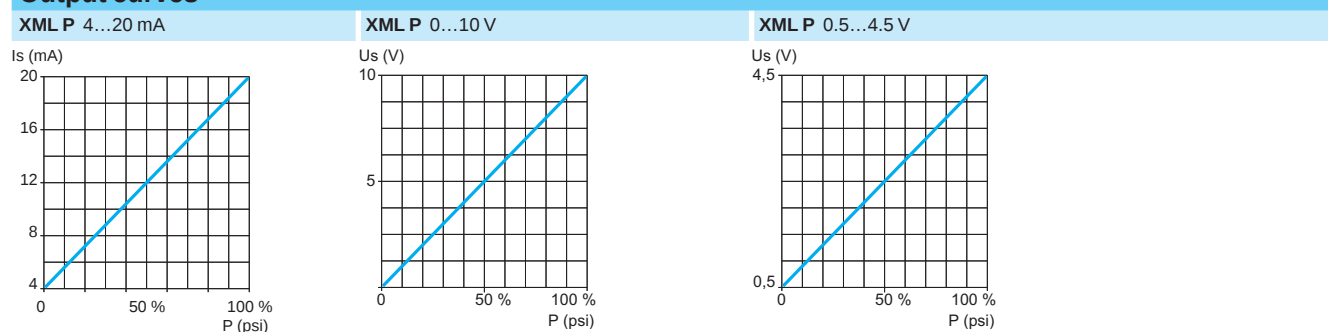
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	None				
Maximum permissible accidental pressure	200 psi (13.8 bar)	300 psi (20.7 bar)	400 psi (27.6 bar)	600 psi (41.4 bar)	1200 psi (82.8 bar)
Destruction pressure	300 psi (20.7 bar)	450 psi (31.1 bar)	600 psi (41.4 bar)	900 psi (62 bar)	1800 psi (124 bar)

Output curves



Other versions:

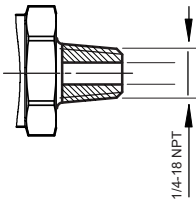
Electrical connection: EN 175301-803-B (9.4 mm).

Please consult our Customer Care Centre.

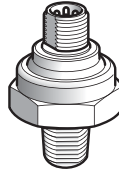
Sizes 1000 to 10 000 psi (69 to 690 bar)

Units with analogue output

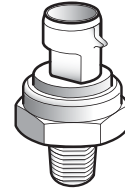
1/4"-18NPT (male)



M12 connector



Packard Metri-Pack 150 connector



Pressure range	0... 1000 psi (69 bar)	0... 2000 psi (138 bar)	0... 3000 psi (207 bar)	0... 6000 psi (414 bar)	0... 10 000 psi (690 bar)
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References of pressure transmitters with 4...20 mA output

M12 connector

Sold in packs of:	1	XML P1K0PD23	XML P2K0PD23	XML P3K0PD23	XML P6K0PD23	XML P10KPD23
	bulk (1)	XML P1K0PD23Q (1)	XML P2K0PD23Q (1)	XML P3K0PD23Q (1)	XML P6K0PD23Q (1)	XML P10KPD23Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P1K0PP23	XML P2K0PP23	XML P3K0PP23	XML P6K0PP23	XML P10KPP23
	bulk (1)	XML P1K0PP23Q (1)	XML P2K0PP23Q (1)	XML P3K0PP23Q (1)	XML P6K0PP23Q (1)	XML P10KPP23Q (1)

References of pressure transmitters with 0...10 V output

M12 connector

Sold in packs of:	1	XML P1K0PD73	XML P2K0PD73	XML P3K0PD73	XML P6K0PD73	XML P10KPD73
	bulk (1)	XML P1K0PD73Q (1)	XML P2K0PD73Q (1)	XML P3K0PD73Q (1)	XML P6K0PD73Q (1)	XML P10KPD73Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P1K0PP73	XML P2K0PP73	XML P3K0PP73	XML P6K0PP73	XML P10KPP73
	bulk (1)	XML P1K0PP73Q (1)	XML P2K0PP73Q (1)	XML P3K0PP73Q (1)	XML P6K0PP73Q (1)	XML P10KPP73Q (1)

References of pressure transmitters with 0.5...4.5 V ratiometric output

M12 connector

Sold in packs of:	1	XML P1K0PD13	XML P2K0PD13	XML P3K0PD13	XML P6K0PD13	XML P10KPD13
	bulk (1)	XML P1K0PD13Q (1)	XML P2K0PD13Q (1)	XML P3K0PD13Q (1)	XML P6K0PD13Q (1)	XML P10KPD13Q (1)

Packard Metri-Pack 150 connector

Sold in packs of:	1	XML P1K0PP13	XML P2K0PP13	XML P3K0PP13	XML P6K0PP13	XML P10KPP13
	bulk (1)	XML P1K0PP13Q (1)	XML P2K0PP13Q (1)	XML P3K0PP13Q (1)	XML P6K0PP13Q (1)	XML P10KPP13Q (1)

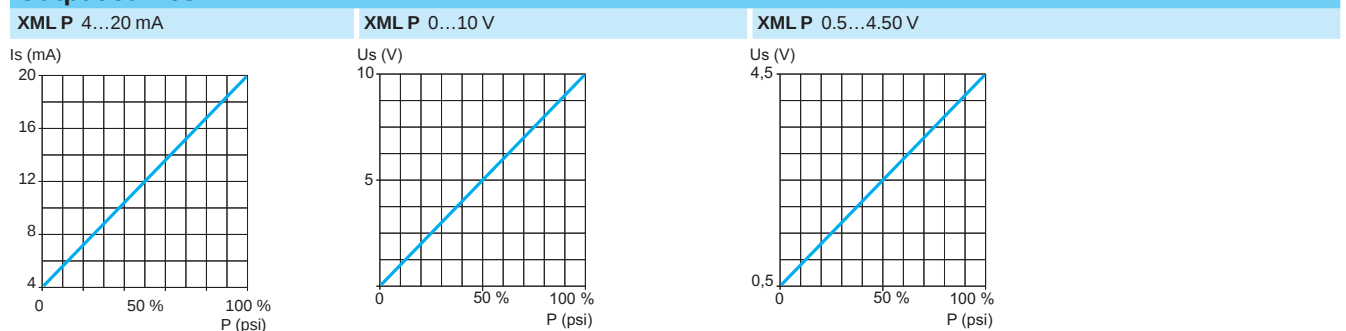
Weight (kg)	0.050	0.050	0.050	0.050	0.050
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(1) Sold in lots of 40, minimum quantity 40.

Complementary characteristics not shown under general characteristics

External gasket	None				
Maximum permissible accidental pressure	2000 psi (138 bar)	4000 psi (276 bar)	4500 psi (310 bar)	9000 psi (620 bar)	13 050 psi (900 bar)
Destruction pressure	3000 psi (138 bar)	5000 psi (345 bar)	6000 psi (414 bar)	12 000 psi (828 bar)	17 400 psi (1200 bar)

Output curves



Other versions:

Electrical connection: EN 175301-803-B (9.4 mm).

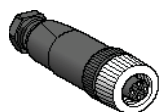
Please consult our Customer Care Centre.

Electronic pressure sensors

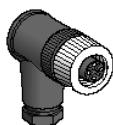
OsiSense XM

Pressure transmitters type XML P

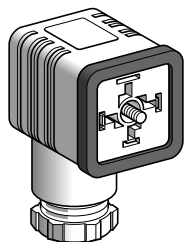
Accessoires



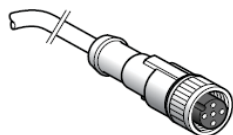
XZ CC12FDM40B



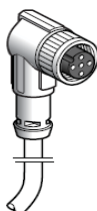
XZ CC12FCM40B



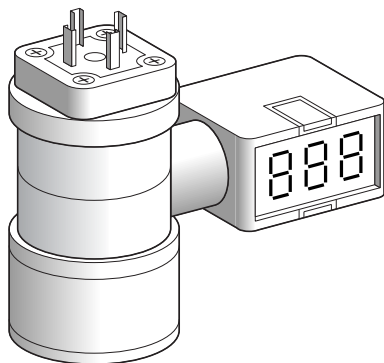
XZ CC43FCP40B



XZ CP1141L10



XZ CP1241L5



XML EZ...

Connection accessoires

Description	Type	Reference	Weight kg
M12 female connector metal clamping ring (1)	Straight	XZ CC12FDM40B	0.020
	Elbowed	XZ CC12FCM40B	0.020

EN 175301-803-A female connector (1)		XZ CC43FCP40B	0.035
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Description	Lenght of cable	Material of cable	Reference	Weight kg
Pre-wired M12, straight, female connectors	2 m	PUR	XZ CP1141L2	0.090
		PVC	XZ CPV1141L2	0.110
	5 m	PUR	XZ CP1141L5	0.190
		PVC	XZ CPV1141L5	0.210
	10 m	PUR	XZ CP1141L10	0.370
		PVC	XZ CPV1141L10	0.390
Pre-wired M12, elbowed, female connectors	2 m	PUR	XZ CP1241L2	0.090
		PVC	XZ CPV1241L2	0.110
	5 m	PUR	XZ CP1241L5	0.190
		PVC	XZ CPV1241L5	0.210
	10 m	PUR	XZ CP1241L10	0.370
		PVC	XZ CPV1241L10	0.390

Description	Sensor size bar	Reference	Weight kg
Digital displays for analogue pressure sensors	0...10	XML EZ010	0.100
	0...25	XML EZ025	0.100
	0...60	XML EZ060	0.100
	0...100	XML EZ100	0.100
	0...250	XML EZ250	0.100
	0...600	XML EZ600	0.100

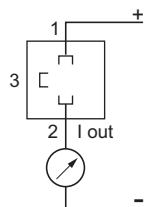
(1) Connector with screw terminal connections.

Note: For other cabling accessories, please refer to our "Cabling accessories OsiSense XZ" catalogue.

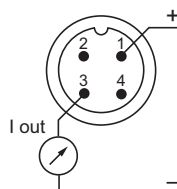
Connector schemes (pressure sensor connector pin view)

2-wire technique (4-20 mA)

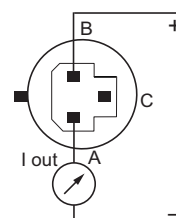
EN 175301-803-A

**Note:** Pin 3 must not be connected.

M12

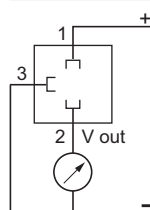
**Note:** Pins 2 and 4 must not be connected.

Packard Metri-Pack 150

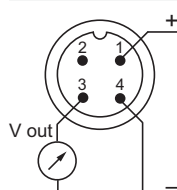
**Note:** Pin C must not be connected.

3-wire technique (0-10 V or 0.5-4.5 V)

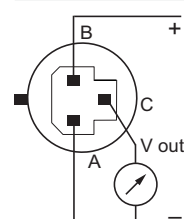
EN 175301-803-A



M12

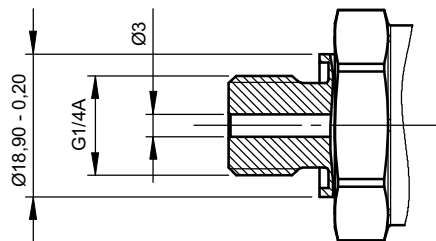
**Note:** Pin 2 must not be connected.

Packard Metri-Pack 150

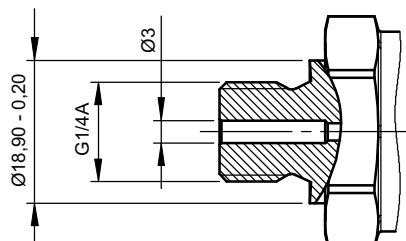


Fluid connection

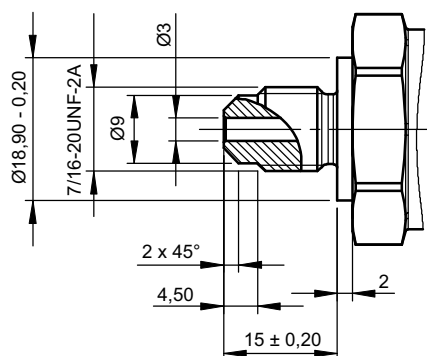
G1/4 A (male) DIN 3852-E



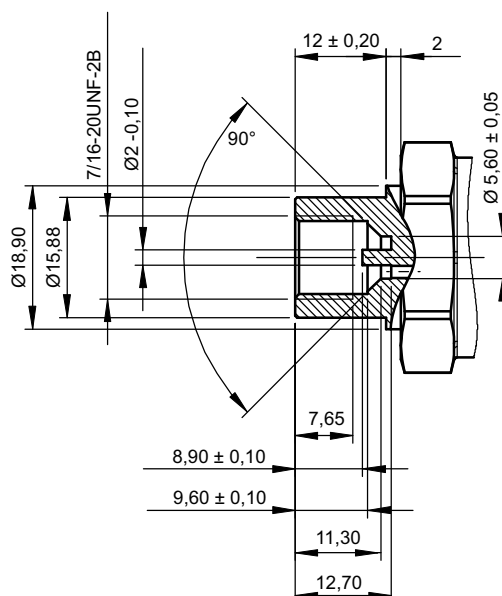
G1/4 A (male) DIN 3852-A



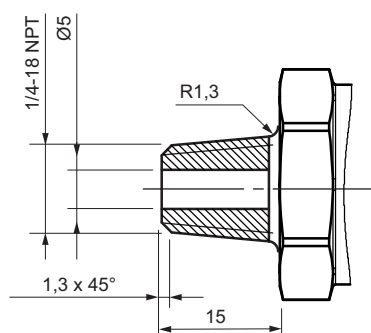
SAE 7/16-20UNF-2A (male)



SAE 7/16-20UNF-2B (female)

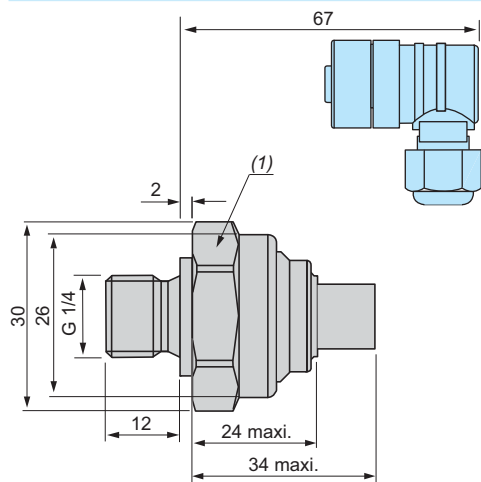


1/4"-18NPT (male)

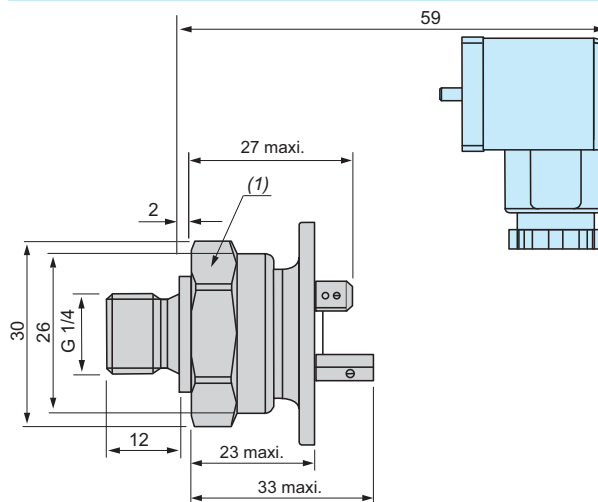


Dimensions

XML P, M12 connector

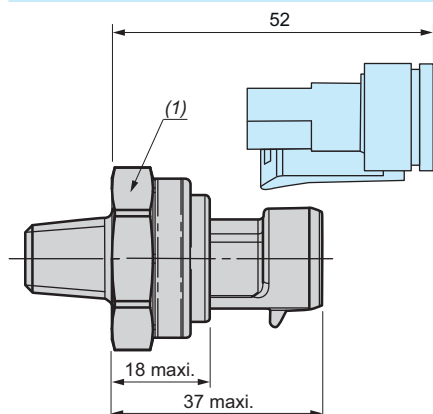


XML P, EN 175301-803-A connector (ex-DIN 43650)



(1) SW 27.

XML P, Packard Metri-Pack 150 connector



(1) SW 27.

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