

Electronic pressure sensors

OsiSense XM

XMLG pressure transmitters

Metal body, stainless steel 303 fluid entry

With analogue output. Sizes in bar



XMLG...D...



XMLG...Q...

-1 to 0 bar (-14.5 to 0 psi)

Maximum permissible accidental pressure: 2.7 bar, destruction pressure: 3 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLGM01D21 (2)	0.095
0...10 V	M12	XMLGM01D71	0.095
1/4" - 18 NPT (male) fluid connection			
4...20 mA	M12	XMLGM01D23 (2)	0.095
0...10 V	M12	XMLGM01D73TQ (3)	0.095

0 to 1 bar (0 to 14.5 psi)

Maximum permissible accidental pressure: 2.7 bar, destruction pressure: 3 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG001D21 (2)	0.095
0...10 V	M12	XMLG001D71 (2)	0.095
1/4" - 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG001D23 (2)	0.095
0...10 V	M12	XMLG001D73TQ (3)	0.095

0 to 6 bar (0 to 87 psi)

Maximum permissible accidental pressure: 17.6 bar, destruction pressure: 20 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG006D21	0.095
0...10 V	M12	XMLG006D71	0.095
1/4" - 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG006D23	0.095
0...10 V	M12	XMLG006D73TQ (3)	0.095

0 to 10 bar (0 to 145 psi)

Maximum permissible accidental pressure: 22 bar, destruction pressure: 25 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG010D21 (2)	0.095
	Integrated connection (4)	XMLG010Q21TQ (3)	0.095
0...10 V	M12	XMLG010D71 (2)	0.095
	Integrated connection (4)	XMLG010Q71TQ (3)	0.095
1/4" - 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG010D23 (2)	0.095
0...10 V	M12	XMLG010D73	0.095

(1) For other electrical or fluid connections, or types of output, please consult our Customer Care Centre.

(2) Sold in lots of 25. Minimum quantity 50. Add TQ to the end of the reference selected.
Example: XMLG001D21 becomes XMLG001D21TQ.

(3) Sold only in lots of 25. Minimum quantity 50.

(4) Phoenix Contact "Quickon" type integrated quick connection.

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XMLG000D000



XMLG000Q000

0 to 16 bar (0 to 232 psi)

Maximum permissible accidental pressure: 35.2 bar, destruction pressure: 40 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG016D21 (2)	0.095
0...10 V	M12	XMLG016D71	0.095
1/4"- 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG016D23	0.095
0...10 V	M12	XMLG010D73TQ (3)	0.095

0 to 25 bar (0 to 362.5 psi)

Maximum permissible accidental pressure: 56 bar, destruction pressure: 62.5 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG025D21 (2)	0.095
	Integrated connection (4)	XMLG025Q21TQ (3)	0.095
0...10 V	M12	XMLG025D71 (2)	0.095
1/4"- 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG025D23 (2)	0.095
0...10 V	M12	XMLG025D73TQ (3)	0.095

0 to 100 bar (0 to 1450 psi)

Maximum permissible accidental pressure: 225 bar, destruction pressure: 250 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG100D21	0.095
	Integrated connection (4)	XMLG100Q21TQ (3)	0.095
0...10 V	M12	XMLG100D71 (2)	0.095
1/4"- 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG100D23 (2)	0.095
0...10 V	M12	XMLG100D73TQ (3)	0.095

0 to 250 bar (0 to 3625 psi)

Maximum permissible accidental pressure: 560 bar, destruction pressure: 625 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG250D21 (2)	0.095
0...10 V	M12	XMLG250D71 (2)	0.095
1/4"- 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG250D23	0.095
0...10 V	M12	XMLG250D73TQ (3)	0.095

0 to 400 bar (0 to 5800 psi)

Maximum permissible accidental pressure: 800 bar, destruction pressure: 900 bar

Analogue output type	Electrical connection	Reference (1)	Weight kg
G 1/4 A (male) fluid connection			
4...20 mA	M12	XMLG400D21 (2)	0.095
0...10 V	M12	XMLG400D71 (2)	0.095
1/4"- 18 NPT (male) fluid connection			
4...20 mA	M12	XMLG400D23	0.095
0...10 V	M12	XMLG400D73TQ (3)	0.095

(1) For other electrical or fluid connections, or types of output, please consult our Customer Care Centre.

(2) Sold in lots of 25. Minimum quantity 50. Add TQ to the end of the reference selected.
Example: XMLG016D21 becomes XMLG016D21TQ.

(3) Sold only in lots of 25. Minimum quantity 50.

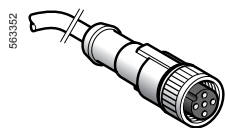
(4) Phoenix Contact "Quickon" type integrated quick connection.

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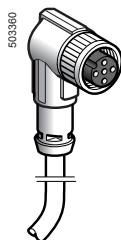
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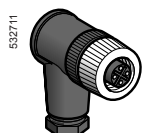
Accessories and replacement parts



XZCP1141L●



XZCP1241L●



XZCC12FCM40B



XMLGZ001

Connection accessories

Description		Length of cable m	Reference	Weight kg
M12 female connector, metal clamping ring (1)	Straight	–	XZCC12FDM40B	0.020
	Elbowed	–	XZCC12FCM40B	0.020
Pre-wired M12 female connectors	Straight	2	XZCP1141L2	0.090
		5	XZCP1141L5	0.190
		10	XZCP1141L10	0.370
	Elbowed	2	XZCP1241L2	0.090
		5	XZCP1241L5	0.190
		10	XZCP1241L10	0.370

Replacement part

Description	Sold in lots of	Unit reference	Weight kg
Quick connection (2)	10	XMLGZ001	0.025

(1) Connector with screw terminal connections.

(2) Phoenix Contact "Quickon" type connection.