

Transmitters

XM/XMi

Transmitters for bypass level indicators

Features / Description

The measuring chain is installed in a tube and attached to the float chamber with stainless steel clamps. This design enables retrofitting to existing systems.

An electrical connection box made of aluminium with series terminals permits direct cable connection.

The maximum deviation is ± 1 mm and due to the screen of 6.4 mm (R12) there are two switching cycles per indication flag.

Two versions are available:

XM - Standard version

XMi - Ex i for intrinsically safe applications (TÜV 19 ATEX 239657 X approval)

XM with a measuring chain, total resistance 100 kOhm max.

XMi like XM, but with external ground screws and blue cable gland.

Technical Data

Tubing:	1.4571, $\varnothing 13$ mm
Connection box:	KX4, KLS, aluminium, 75x80x50 mm, system of protection IP65, with screw terminals
Measuring length (LM):	Normally the same length as the indication rail. Please state LM in spare part orders.
Total length (L0):	
XM:	Measuring length (LM) + 158 mm, however LM + 175 mm for the high-temperature version up to 150 °C medium temperature
XMi:	is measuring length (LM) + 158 mm
Temperature range:	
XM:	-10 °C...+90 °C, -50 °C...+150 °C for high-temperature version
XMi:	T1...T4: -40 °C...+100 °C, T5: -40 °C...to +75 °C, T6: -40 °C... +60 °C
Note concerning XMi:	Intrinsically safe is only applicable with an approved current circuit with a maximum open circuit voltage (Ui) of 24 V. Total length (L0) 6000 mm max. according to approval.

Order Code

Order number example for XM:

XM	-	HT	-	R12	-	LM2500
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Measuring length LM in mm

Screen R12

HT high-temperature version (option)

Type: XM = KX4

Order number example for XMi :

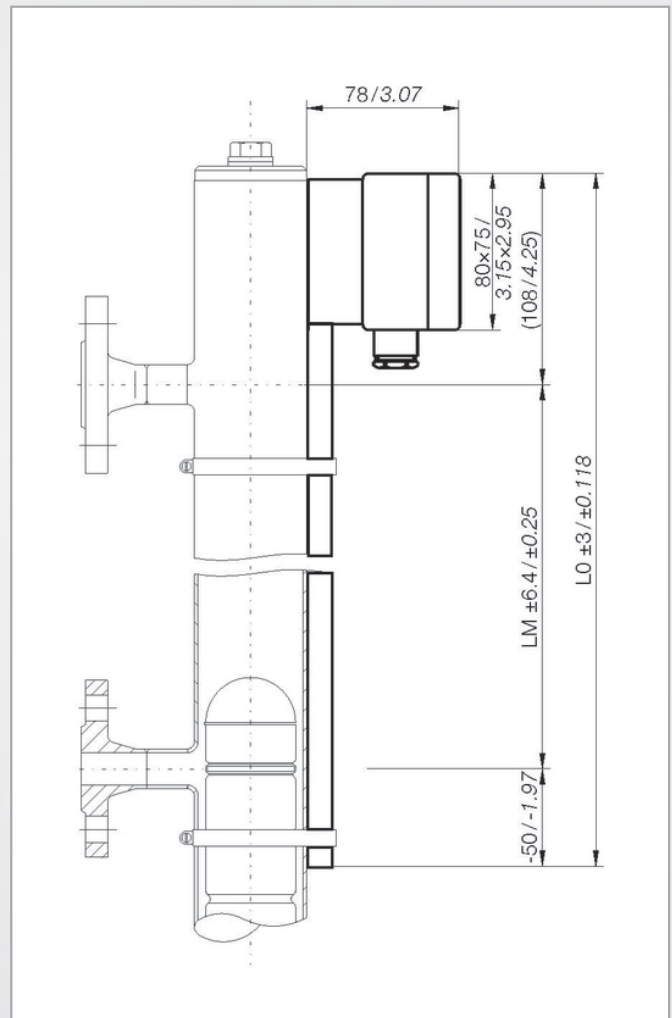
XMi	-	R12	-	LM2500
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Measuring length LM in mm

Screen R12

Type: XMi = KX4

Dimensions (mm / inch)



Electronic connections KX4

