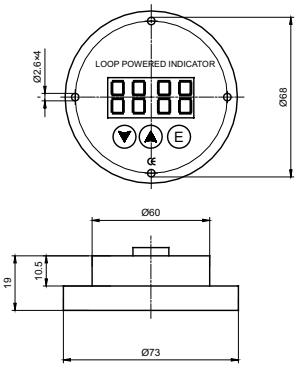
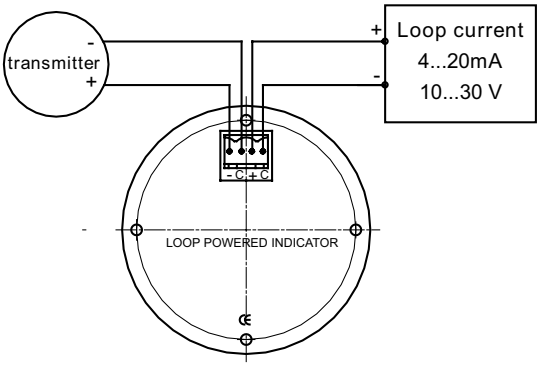
PROGRAMMABLE LOOP POWERED LED DISPLAY – type LPI-02



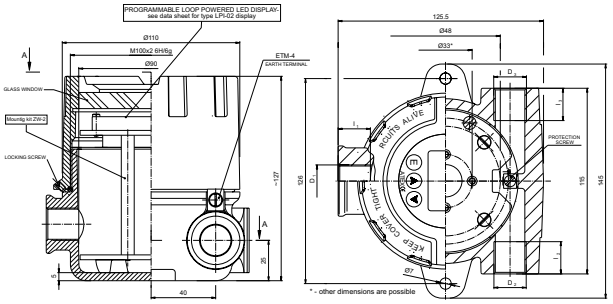


TECHNICAL DATA

Performances	
Reference operating condition	25ºC
Max. Measured error	0,1% of the programmed range +/- 1 digit
Influence of ambient temperature (tem. drift)	20ppm/ºC of measuring range at 20ºC as reference temperature
Output signal	4...20 mA
Supply voltage	24V
Voltage drop out	3,3V at 4 mA and 3,7V at 20 mA
Minimum curent of LED activation	3.5 mA
Digits	LED, 4 digits7 segments, hight 9,5mm
Visible dimension	30x14
Display charakteristics	6400ucd for If=10mA
Data storage	FLASCH
Storage period	10 years (non powered)
Mounting	4 holes/90 Ø 2,6 on Ø 68
Collaboration with Hart protocol transmitter	Yes
Operating conditions	
Ambient temperature	-20...80ºC
Storage temperature	-30...80ºC
Moisture	25 bei 95% non condensating
Ingress protection	IP 20
Elektromagnetic compatibility	Carried out with positive results EN 61000, EN 55022

Functionalities	
Parameters	Zero,span,decimal,point, refresh rate,unit
Indication limits	-1999 to +9999
Programmable range	-1999 to +9999
Decimal points position	0, 1, 2, 3 decimals
Over-load limits	From 3.5 to 20.5 mA
Refresh rate	From 1 to 10 second
Calibration points	Zero (4 mA) and span (20 mA), stored on FLASCH
Unit	ºC, ºF, ºK, % in cycle: 4sec. value – 2sec. unit
Mechanical construction	
Electrical loop connection	2 terminals, max.wire section 1mm² (16 AWG)
Dimension	Ø73 x 19 mm
Weight	75g
Short mark display closed in the connection head or measuring	....dig – standard version
Application, Fixing	XD-AD di. – directly by screw 2xM2,5x8 XD-ADF di... directly by screw 2xM2.5x8 XD-I di... – Fixing kit: KD-L2

Ordering: Loop power indicator type: LPI-02-☐
measuring range ºC



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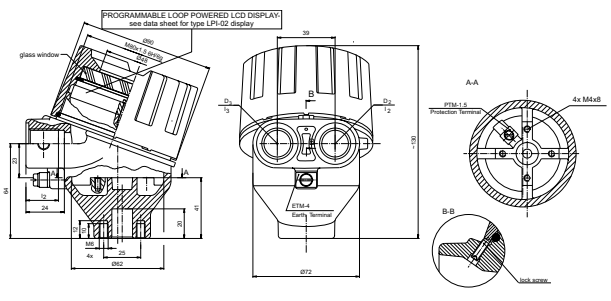

XD-ADdig; XD-ADFdig

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