

BULK SOLIDS HANDLING EQUIPMENT

LEVEL INDICATORS

Rotary Paddle Level Meter-ILT-Series

The output signal of the ILT level gauge is a contact-type electrical signal, which determines the material position by rotating in various sizes of hoppers or silo barrels.



ILT

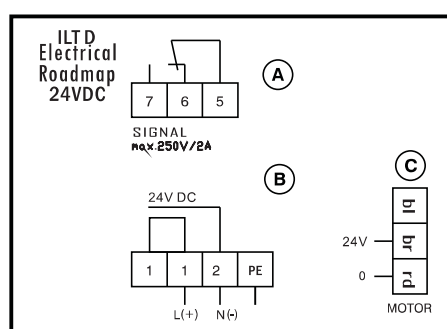
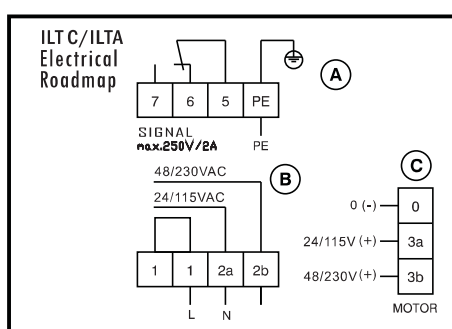
Operating Conditions

- Container excess pressure: max. 0.8 bar
- Temperature inside vessel: -20 to 80° C
- Ambient temperature inside casing: -20 to 70° C
- Enclosure: IP 65
- Process connection: Thread G1 1/4", G1 1/2", G2 1/2"
- measuring vane: Stainless Steel
- Friction clutch: Protection of the gearing from impact
- Pickup delay: Approx. 1.3 sec
- Sensitivity: Adjustable via reset force
- Speed of measuring vane: 1 r.p.m.



How To Order

ILT	C	0	X	S220
Type	Voltage	Connect	Security Level	Operating Voltage
Rotary Paddle Level Meter	C: 115V/220V AC 50-60Hz A: 24V/48V AC 50-60Hz D: 24V DC E: 12V DC	0: 1 1/2" - 2 1/2" G Threaded 1: 1 1/2" G 2: 1 1/4" PT&NPT	X: Explosion-proof	S110: 110VAC S024: 24VAC S220: 220VAC S048: 48VAC



Part #	Stem Material	Mains voltage	Signal output	Installed load	Connection terminal	Process connection	Kg	LxWxH (mm)
ILTCO	Stainless Steel	230 V - 50/60 Hz	AC max. 250 V, 2 A 500 W (Cos j=1)	3VA (3W)	1 x max. 1.5 mm²	1½" - 2½" NPT	1.2	270x150x90
ILTAO		24/48 V - 50/60 Hz						
ILTDO		24 V - DC						
ILTC2		230 V - 50/60 Hz	AC max. 250 V, 2 A 500 W (Cos j=1)	3VA (3W)		1¼" NPT		
ILTA2		24/48 V - 50/60 Hz						
ILT2		24 V - DC						

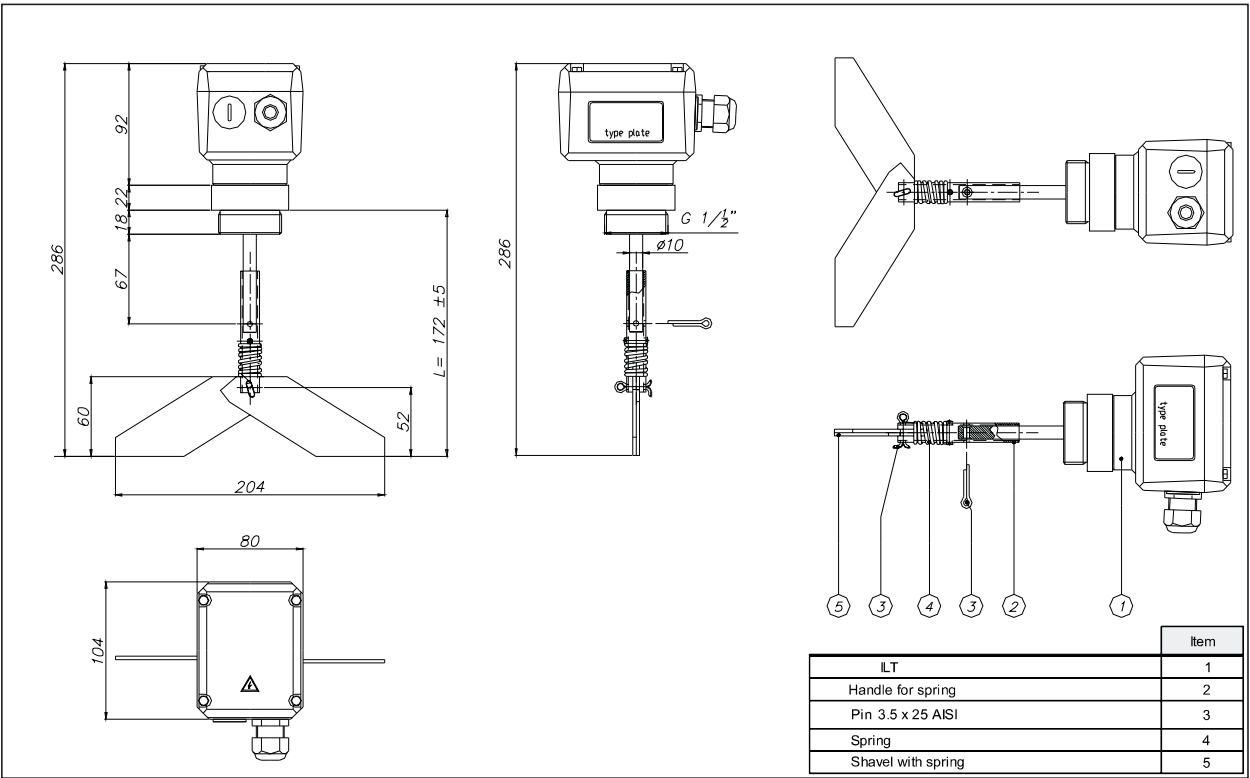
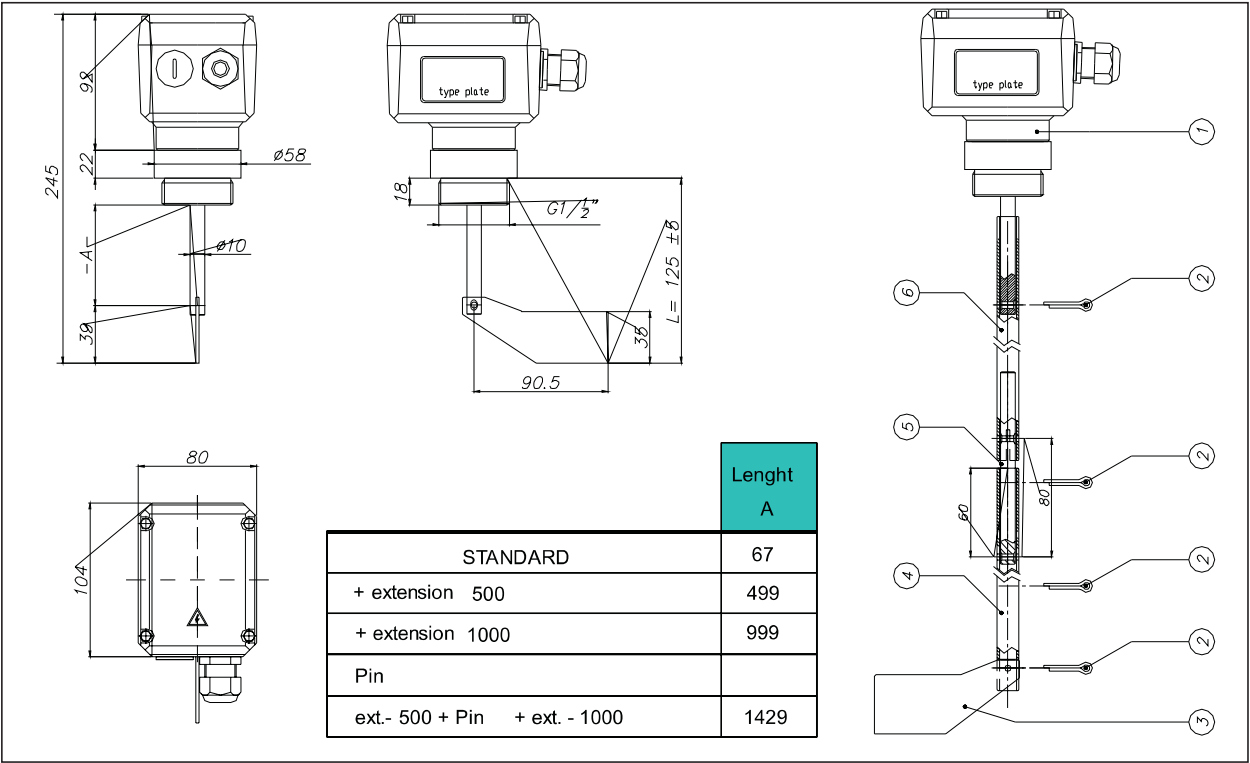
Dimensions in mm

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DIMENSION



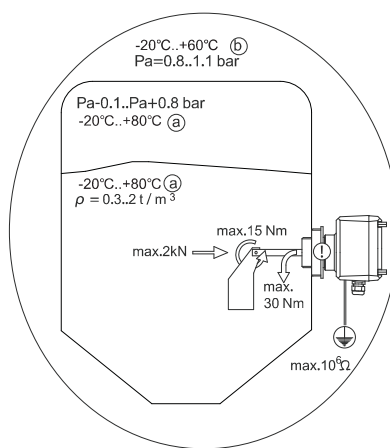
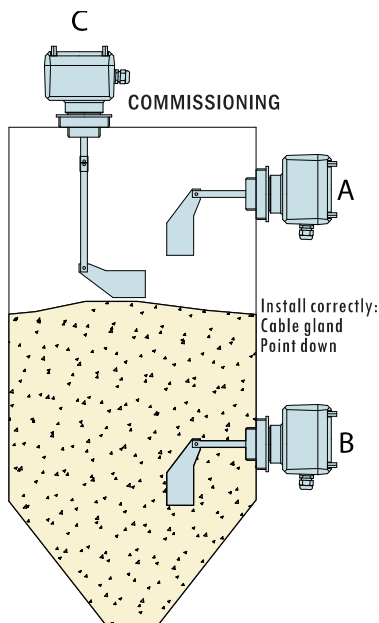
Dimensions in mm

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Application



!	Maximum impact energy value on the connecting bush	1 J
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a,b	Available as an option for different ambient and operation temperature values
a	For the ILTR version consider -20° °C ... +50°C

- A = Horizontal installation of the highest level
- B = Minimum level installation
- C = Vertical installation of the highest level

Accessories 可供选择附件

Threaded bushings

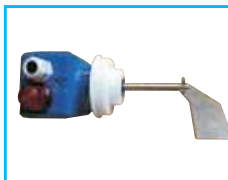


A variety of threads can be selected
Easy to install
Thread: 1 ¼" ISO228
Thread: 1 ½" ISO228
Thread: 2 ½" ISO228

Double scoop for light materials



External light

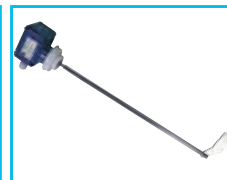


Explosion-proof metal thread



ATEX Ex II 1/2 D IP66 T 100°C
Thread: 1" ½ ISO 228
Materials: Aluminium

Extension axis



The extension of the shaft is available in galvanized iron or 304 stainless steel.

- There are 500 mm and 1000 mm
- Modular expansion
- Maximum allowable length of 3000 mm
- Can only be used vertically

Dimensions in mm