



OFFICINE OROBICHE

MAGNETOSTRICTIVE LEVEL TRANSMITTER MD Series

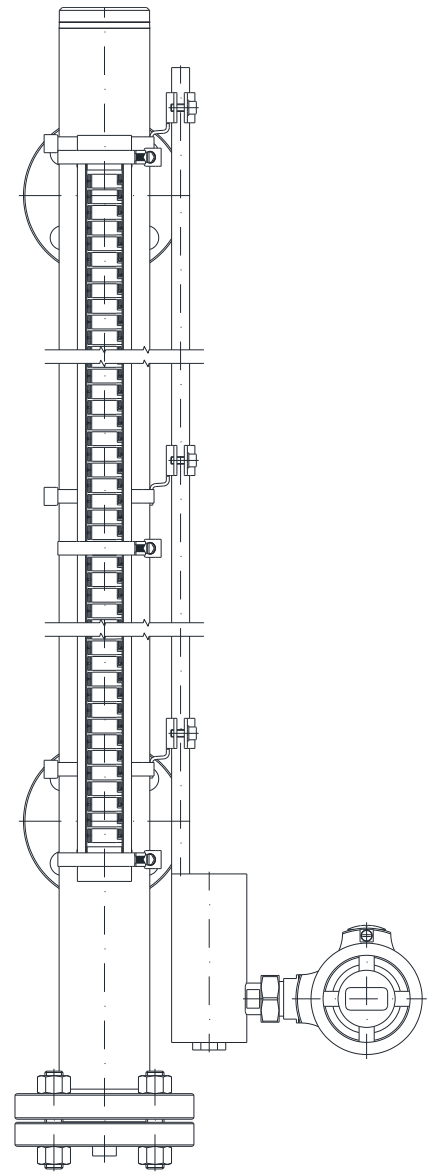
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DESCRIPTION:

The level transmitter is mounted on a 2000 or 2000T series level indicator, it picks up the float magnetic field, without any contact with the liquid, and transmits the level to a remote indicator through a 4-20 mA signal. It can be equipped with a high-pressure housing.

TECHNICAL DATA:

Probe head	
Protection class	IP68
Material	Stainless Steel 303 (option SS316)
Probe tube	
Material	Stainless Steel 316Ti (option SS316)
Diameter	12 mm
Length	0.2 m to 6 m Highest-temperature versions up to 3 m
Accuracy	
Resolution	±0.1 mm
Electrical connection	
Connection	2-wire
Voltage	8 to 30 VDC, Ex-version 10 to 30 VDC
Binary signal	Current output: 4 to 20 mA; optional: HART®
Approvals	Optional: ATEX, Ex ia, Ex d
Process conditions	
Temperature	Standard temperature: - 40 °C to + 125 °C High temperature: - 40 °C to + 250 °C Ambient temperature: - 40 °C to + 85 °C



Local Indicator (Optional)

APPLICATION:

The transmitter can be equipped with a digital display that can be adjusted individually to face a number of directions, facilitating its reading. The output signal is shown in percentage unit or other calibrations on request.

ADVANTAGES:

- Local indication of the measured values.
- Easy installation.
- Robust construction.
- Adjustable display.
- 10 mm LED Display.

TECHNICAL DATA:

Dimensions without cable glands and connection unit:	Ø 95 x H 71 [mm] with Display Ø 95 x H 66 [mm] without Display
Ambient temperature:	-40 °C to +85 °C
Protection class:	IP68
Supply:	14-27 V with Display 17-30 V without Display
Accuracy:	±0.1 % (4-20 mA)
Display:	3-digit, 7 segments Bright LED Display
Display range:	- 9,9 % / +199 %
Output signal:	4-20 mA



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