Your is the environment Your is the knowledge

Mod. LPxx

Piezometric Level Sensor

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Highlighted specs

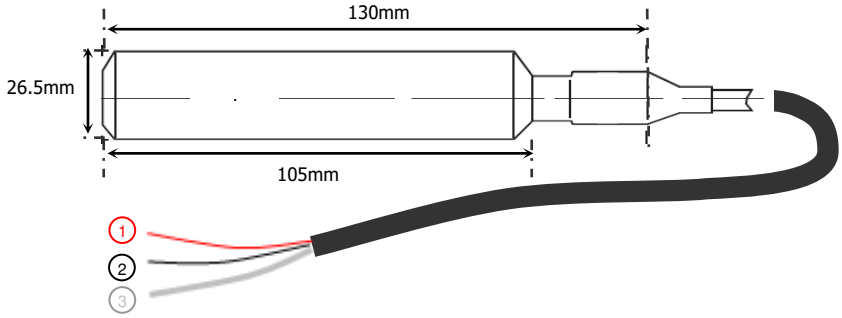
- High accuracy Piezometric Capsule Level sensor
- Automatic atmospheric pressure compensation with special cable
- AISI316 Stainless steel body
- Ideal for clean waters level measurements
- Accuracy <0.1% of full scale value
- Available with various signal output
- According to CE norms

The sensor for the measure of hydrometric level (piezometer) mod. LPxx Nesa is made by a piezometric capsule housed in a **AISI316 stainless steel** body of cylinder shape. Thanks to its small diameter can be easily used in small spaces.
The used transducer, supplies **extremely precise measures**, with an **excellent repeatability**, low hysteresis and stable behaviour with the temperature, that allows to employ the sensor as a hydrometer in clean water. Available with different types of standard **signal output** (**current**) or **digital RS485** with **ModBus** (MCS option).

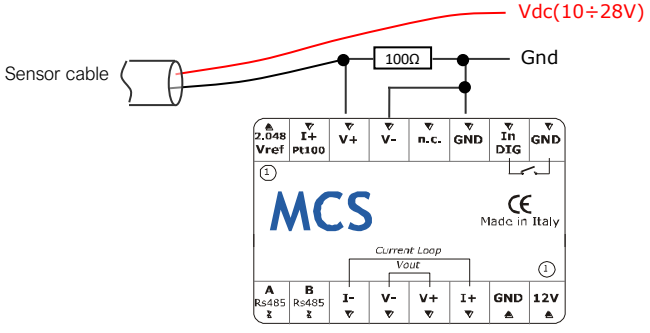
Typical range	0÷0,5; 0÷1; 0÷2; 0÷3; 0÷5; 0÷10 bar (specify on order) bar x 10 = range in meters
Sensibility	0,001 bar
Accuracy	<0.2% f.s. or better
Response time	< 4ms
Type of transducer	Piezometric
Signal output	4÷20mA or 0÷2Vdc (MCS Option), RS485 ModBus (MCS Option)
Power supply and consumption	Current loop or 10÷28 Vdc, < 0,3W
Working conditions	-10 ÷ +55°C (on request -5 ÷ +80°C anticorrodal)
Protections	Polarity reverse and transient
Box	Stainless steel 316 and PUR cable
Weight	100g

Size and connections

Pin	Wire Option 1	Wire Option 2	LPxx-B
1	Red	White	Loop (+)
2	Green	Yellow	Loop (-)
3	--	--	Compensation tube



Output: B



Output: A, C

Order code

Sensor	Piezometric level Sensor range 0..xx mt (i.e. 0..10mt)	LPxx	
	Piezometric level Sensor with extended range for corrosive environment	LPxxEXT	
Output	0÷2Vdc (MCS option)		A
	4÷20mA		B
	RS485 / Modbus (MCS option)		C

specify the length for no standard measures* — *example of order code* LP10 **B

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