

PIEZOMETER (DWLR) for Borewell

RANGE: 0- 100 MTRS

MODEL: DWLR

Description

Our Water level transmitter feature reliable and highly accurate liquid level measurement for water, diesel and gasoline and mild corrosive liquid.

This series adopt stainless steel housing, high performance sensor, and ASIC to ensure a wide range of applications.

Vented inside cable are provided as air reference. The products have been approved with intrinsic safety certificate, explosion proof certificate.

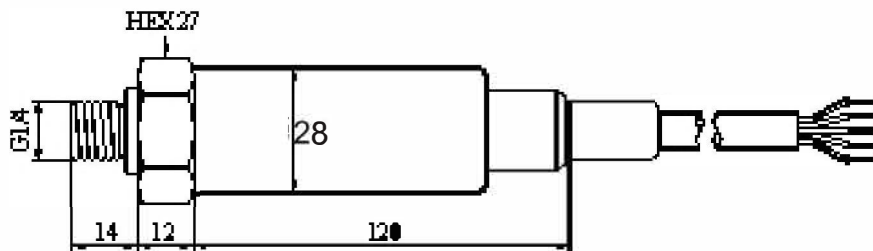
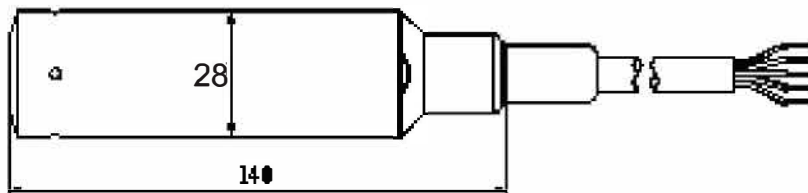


Applications:

- ☐ Hydraulic monitoring
- ☐ Dam water level
- ☐ Sewage water treatment
- ☐ Underground water level
- ☐ Ocean water level
- ☐ Liquid level in tank

Features:

- ☆ Submersible & fixed installation
- ☆ Non-polarity two-wire current output
- ☆ Intrinsic safety certificate Explosion proof certificate CE certificate
- ☆ Electromagnetic interference proof



WATER LEVEL SENSOR

RANGE: 0- 100 MTRS

Technical data

Items	Specifications			Remark
Measurement range	0~3~200mH ₂ O			1mH ₂ O=9.81kPa
Overload pressure	1.5 times of full range			
Failure pressure	3 times of full range			
Accuracy	±0.1% F.S, ±0.25% F.S, ±0.5% F.S			
Stability	Typical value: 0.1% F.S, Maximum value : 0.2% F.S			
Operation temperature	—40~85			
Compensating temperature	—10~70			
Medium Compatibility	All corrosive medium compatible with 1Cr18Ni9Ti and 316L			
Electrical feature	Two-wire type	Three-wire type		
Signal output	4~20mA	0~5V	0~10V	
Power supply	10~36Vdc	10~36Vdc/ac	12~36Vdc/ac	Vdc/ac means both use dc and ac
Load resistance	(U-10)/0.02(ohms)	>100kohms		
Insulation	>100M Ohms@50V			
Electrics feature	protection rank: IP68			
IP rate	G1/4,submersible			
Response time	10ms			
Pressure junction	Gauge pressure and absolute pressure:			
Certification	Explosion proof certificate, CE certificate			
Medium compatibility	Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity: EN50082-2;			
Lightning proof	Air-conduction pressure 8000V, Conduction pressure of shell and cable: 4000V			

Order form

mH₂O

Output

A=4~20mA, V=0~5V, V2=0~10V

Accuracy

0.1=0.1%F.S, 0.25=0.25%F.S, 0.5=0.5%F.S.

Connection

T=Submersible, F= M27×1.5 Fixed

Cable length (m)

Pressure Type (G=Gauge, A= Absolute)