

## Level Transmitter

### Description

ML-TR-800 series of 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 approve with intrinsic safety certificate, explosion proof certificate and CE certificate.

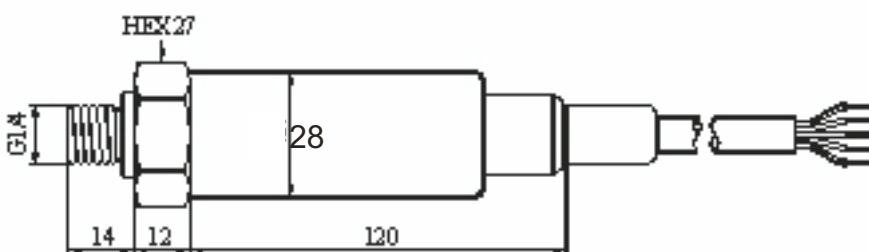
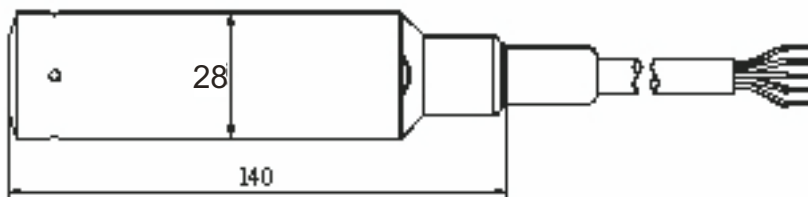
### Features:

- Accuracy:  $\pm 0.10\%$   $\pm 0.25\%$   $\pm 0.5\%$  F.S
- OEM provided
- Multiple measurement range and Signal output
- Submersible & fixed installation
- Non-polarity two-wire current output
- Intrinsic safety certificate
- Explosion proof certificate
- CE certificate
- Electromagnetic interference proof

### Applications:

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

Model : ML-TR-800



## Technical data

Items	Specifications			Remark
Measurement range	0~3~200mH <sub>2</sub> O			1mH <sub>2</sub> 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	
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

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Range \_\_\_\_\_  
 mH<sub>2</sub>O \_\_\_\_\_  
 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) \_\_\_\_\_