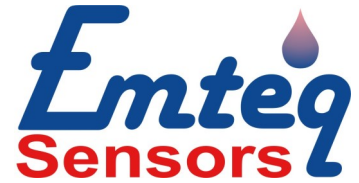


# EPL-400 Series Submersible Level Transmitters



## Features

- ◆  $\pm 0.25$  and  $\pm 0.5\%$  F.S version
- ◆ Diffused silicon pressure transmitter
- ◆ Several special configurations for different usage
- ◆ Submersible Level Transmitter
- ◆ Multiple measurement range and output
- ◆ Two wire current output
- ◆ Anti lightning protection optional
- ◆ Reinforced cables
- ◆ CE. Intrinsically safe, explosion proof

## Application

- ◆ Deep water level measure
- ◆ Hydrologic monitoring
- ◆ Wastewater treatment
- ◆ Muddy liquid level monitoring
- ◆ Tank level monitoring
- ◆ Water-saving/irrigation
- ◆ Circulating fluid monitoring
- ◆ Excavation works



EPL-400

## Product description

EPL-400 Series Level Sensors have multiple configurations and applications. They are a high accuracy, compact structure, long term stability product with high resistance to abrasion, oil, acid and alkali cables. Our EPL-400 series level sensors can be adapted to many special purpose level measurements. It's widely used in wastewater treatment, water supply, reservoirs/lakes/river water monitoring.

EPL-400-1 is a special configuration for waste water treatment applications. EPL-400-2 is mainly for concrete mixing. EPL-400-WH is mainly used for hydrologic monitoring. EPL-430 is designed for deep well (bore hole) level measurement.



EPL-400WH

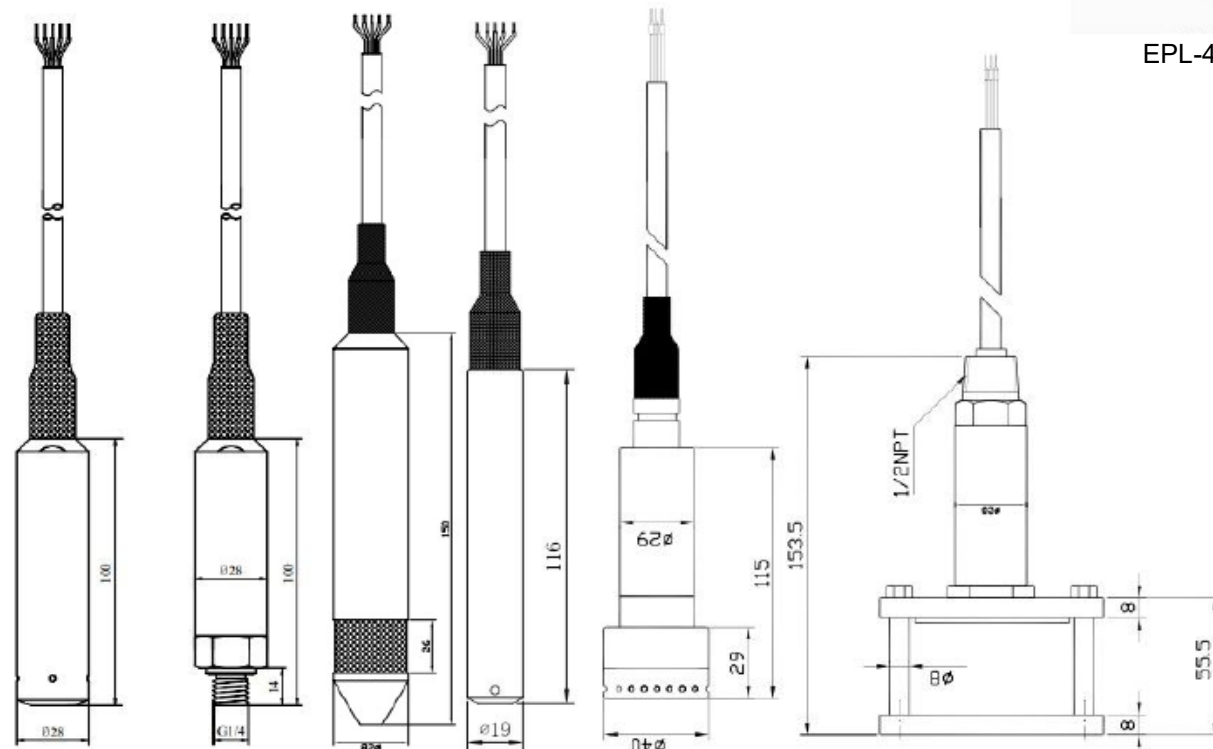


EPL-400-1



EPL-400-2

## Dimensions



EPL-400

EPL-400A

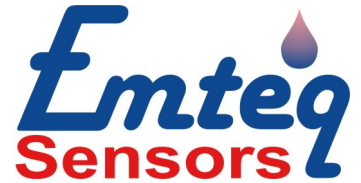
EPL-400WH

EPL-430

EPL-400-1

EPL-400-2

# EPL-400 Series Submersible Level Transmitters



## Technical Parameters

Parameter	Value		
Measure Range	0~500mH2O		
Overload Pressure	1.5×RP(rated pressure)		
Broken Pressure	3.0×RP(rated pressure)		
Accuracy Options	±1.0%F.S, ±0.5%F.S, ±0.25%F.S		
Operating Temperature	- 40°C~+85°C		
Temperature Compensation Range	-10°C~70°C		
Media Compatibility	Medium Compatible With Cr18Ni9Ti and SS 316L		
Wires	Two-wire	Three -wire	
Output Signal	4~20mA	0/1-5V	0-10V
Power Supply	12~30Vdc	12~30Vdc	12~30Vdc
Load	(U-10)/0.02 (Ω)	>100kΩ	
Insulation	> 100M Ω@50V		
Electrical Connector	Five level protection.IP68		
Pressure Port	G1/4, Embedded Type		
Response Time	10ms		
Pressure Form	Gauge G		
Compliant	RoHS, CE		
EMC	EMI:EN50081-1/-2: EMS: EN50082-2		

## Type Measurement Guide

