

enelsan

We Measure

HYDROSTATIC LEVEL TRANSMITTERS



Flow



Pressure



Level



Temperature



Datalogger



Control and Automation

en.enelsan.com



HYDROSTATIC LEVEL TRANSMITTERS

A hydrostatic level sensor is a submersible pressure transmitter that has a pressure diaphragm where the inner side of the diaphragm is vented to atmospheric pressure through a vent tube in the cable and the outer side is in contact with the liquid and measuring the static pressure of the liquid column above the transmitter. This static pressure is basically caused by the weight of the fluid on top of the transmitter and is used to calculate the level of the liquid. It has a wide application area in water and waste water industries with easy installation and simple set up.

Hydrostatic Level Transmitter (Ø26mm)



ETTRANS-L01

Hydrostatic Level Transmitter (Ø19mm)



ETTRANS-L01S

Conductivity, Pressure And Temperature Transmitter



ETTRANS-UWA03

Hydrostatic Level Transmitter (Ø26mm) Technical Specifications

Measuring Range	0...500 mWC (0...50 barg)
Accuracy	± 0,3% F.S.
Process Temperature	0... +70°C
Sensor Diameter	26 mm
Sensor Material	1.4404 (316L) Stainless Steel
Cable Material	PE
Power Supply	10...36 VDC
Output	4...20 mA (HART Optional), 0...10 V
Protection Class	IP68

Hydrostatic Level Transmitter (Ø19mm) Technical Specifications

Measuring Range	0...500 mWC (0...50 barg)
Accuracy	± 0,3% F.S.
Process Temperature	0... +60°C
Sensor Diameter	19 mm
Sensor Material	1.4404 (316L) Stainless Steel
Cable Material	PE
Power Supply	10...36 VDC
Output	4...20 mA, 0...10 V
Protection Class	IP68

Conductivity, Pressure And Temperature Transmitter Technical Specifications

Measuring Range	0...400 mWC (Level), -20...+85°C (Temperature), 0...200mS/cm (Conductivity)
Accuracy	±0,3% F.S. (Level), ±0,1°C (Temperature), ±2% F.S. (Conductivity)
Process Temperature	0... +60°C
Sensor Diameter	26 mm
Sensor Material	1.4404 (316L) Stainless Steel
Cable Material	PE
Power Supply	6...36 VDC
Output	RS485 MODBUS
Protection Class	IP68

