

## TLIS PIEZOELECTRIC SUBMERSIBLE LEVEL TRANSMITTER

The submersible pressure transmitter model TLIS, offers a simple and reliable electronic solution for level measurement for depths up to 300 meters. max. Accuracy 0.5% standard, optional 0.25%. IP68 protection. Option can be run on battery power, measuring temperature, Teflon cable, explosion protection Ex

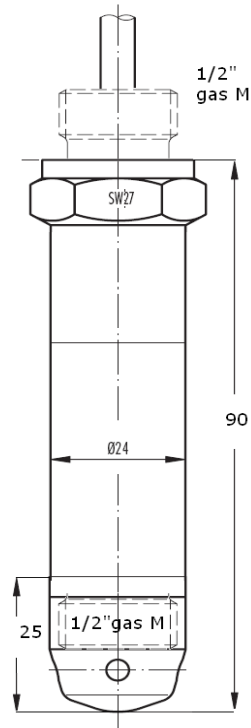
Standard output 4...20 mA, 2 wired

### Applications

- hydrostatic level measurements in tanks, rivers, etc..

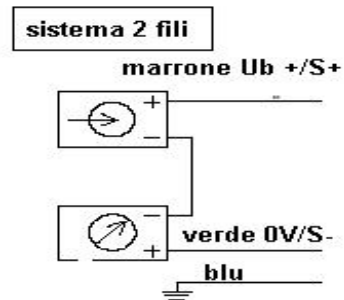
### Standard range bar

0...0.1  
0...0.16  
0...0.25  
0...0.4  
0...0.6  
0...1  
0...2.5  
0...4  
0...6  
0...10  
0...16  
0...25



## TECHNICAL FEATURES

Wetted materials:	Stainless steel 1.4435 316L (other materials on option) - Viton standard seals (other on request)
Accuracy:	+/-0.5% f.s. (0.25 BFSL) std, +/-0.25% f.s. (0.125 BFSL)
Output:	4...20 mA 2w std., option. 0...20 mA 3w, 0...5V 0...10V 3 w, 0,5...2,5V 3 w
Supply:	9...33 Vdc
Fluid temperature:	-10...+50°C std (opt. -10...+80°C)
Wiring:	Standard cable 5 / 12 mt. (max 300 mt.)
Housing:	IP68
Hydraulic connection:	1/2" B with protection bottom cap
Optionals:	- battery supply - PTFE cable



**SATEMA**

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: [info@satema.it](mailto:info@satema.it) <http://www.satema.it>

## TLISPTF TRASMETTITORI PIEZOELETRICI LIVELLO SOMMERSIBILI

The submersible pressure transmitter model TLISPTF, is suitable for level measurement of aggressive liquids compatible with PTFE and Al<sub>2</sub>O<sub>3</sub> ceramic. L range from 0.5 to 200 meters. Standard accuracy 0.5%, optional 0.25%. IP68 protection.



## TECHNICAL SPECIFICATIONS

Wet parts material:	PTFE or PVC
Accuracy:	+/-0,5% f.s. (0,25 BFSL) std, +/-0,25% f.s. (0,125 BFSL)
Output:	2wire 4...20 mA std, on request 3wires 0...20 mA, 0...5V 0...10V, 0,5...2,5V
Power supply:	12...30 Vdc, 24Vdc
Fluid Temperature:	-10...+70°C std
Electrical connections:	5 meters cable standard
Protection:	IP68 probe, IP67 terminal
Options on drawing with surcharge:	- Lightning Protection - Ex Esecution - Process connections: M42x1.5 M, flange DN50, custom



**SATEMA**

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: [info@satema.it](mailto:info@satema.it) <http://www.satema.it>