

# LEVEL TRANSMITTER (SUBMERSIBLE)

3.5m, 4-20mA (11-28V DC)



## | OVERVIEW |

The Flamefast Hydrostatic Submersible Level Transmitter provides a cost-effective means of measuring tank water level based on the depth pressure.

The stable and reliable piezoresistive pressure sensing element, and Stainless Steel housing offer long term reliability and excellent wetted material compatibility.

## DIMENSIONS

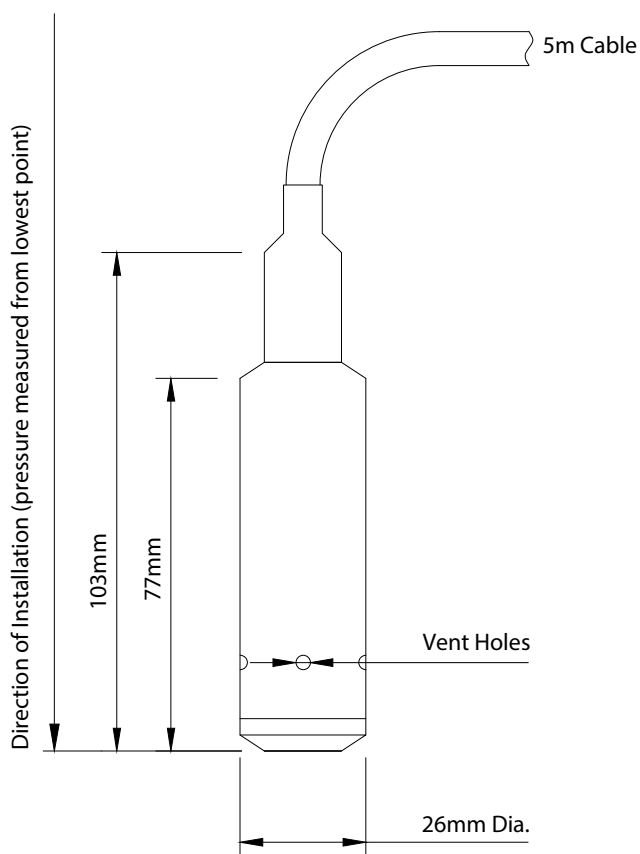
Length	125 mm
Diameter	17 mm
Cable Length	5m

## TECHNICAL SPECIFICATION

Power Supply	11-28V DC
Analogue Outputs	4-20mA (2 Wire)
Sensor Type	Piezo-resistive
Overload Pressure	2x Full Scale
Media Temp Range	-10 ~ 70°C
Accuracy	<±0.50%* FS
Repeatability	<±0.02% FS / Year
Thermal Coefficient	<±0.05% FS / °C
Wetted Parts	Stainless Steel (316L)
IP Rating	IP68
Housing Material	Stainless Steel (304)
Approval	CE

## PART NUMBERS & COMMON ACCESSORIES

PART NO	DESCRIPTION
LTS-3.5A	Level Transmitter (Submersible) - 3.5mH2O (4-20mA)



### Connection Details

Red	V (+)
Black	V (-)
Filter	

### Installation Instruction

The hydrostatic pressure should be installed with the vented end of the housing at the lowest level for best accuracy.

The cable can be loose within the tank, however the top of the open cable should not be submerged.

An analogue output will be provided relative to the pressure depth from the bottom of the sensor, scaled against 3.5m.

### IMPORTANT

If either the vent holes, or the filter at the end of the cable are blocked, this will have an adverse effect of the pressure reading.

**DO NOT CUT OR SHORTEN THE CABLE UNDER ANY CIRCUMSTANCES**