



# SMD Fluid Controls / SMD Inc.

## FT Series

### Down Hole Submersible Pressure Transmitter Continuous Liquid Level Sensor

The FT Transmitter indicates the level of liquid by continuously measuring hydrostatic pressure via its isolated sensing element. The data is transmitted by a 4-20 mA output signal. This design provides for excellent linearity and repeatability, low hysteresis and long term stability. The FT sensor is easy to install; simply lower the transducer into a vessel or well. It's that easy. All the electronics are mounted in a submersible 316 stainless steel housing. Standard with Polyurethane cable and Viton Seal.

A special cable support bracket is also available. This gives extra stability to the transducer when used with longer lengths of cable (up to 2500 feet) or when used in an agitated liquid. A conduit adapter is also available.

The FT is also available calibrated for any span needed, from 0 to 6 psi or 0 to 0.4 bar (0 to 14 feet or 0 to 4.2 meters of water) to 0 to 300 psi or 0 to 20 bar (0 to 690 feet or 0 to 211 meters of water). Other optional outputs include 0.5 to 4.5 Vdc, 1 to 5 Vdc, 1 to 6 Vdc, or 0 to 5 Vdc

## FEATURES

- 12-30 Vdc input, with 2 wire, 4-20 mA output standard;
- Accuracy of +/- .25% over full scale
- Fully sealed high accuracy sensor
- Lightweight and compact size, Easy to install and use
- Optional temperature measurement capability
- Rugged 316 stainless steel housing with excellent environmental protection
- Vented to the atmosphere through the surface end of the cable
- Reverse polarity and surge protected
- Also available in 1/4" NPT external tank fitting mount



## Standard Part Number Stocked for 30psi (0-69 feet)

		Price ea.
FT60-0420-0025	FT Transducer with 4-20mA out put, 25' Cable	\$ 625.00
FT60-0420-0050	FT Transducer with 4-20mA out put, 50' Cable	\$ 745.00
FT60-0420-0100	FT Transducer with 4-20mA out put, 100' Cable	\$ 885.00

## APPLICATIONS

- Tanks, Water Wells, Lakes, Landfills, Flood Channels