

FUEL LEVEL TRANSMITTER

SERIES : SC / L - 801



It is specially designed for diesel level measurement. It is the only transmitter in its class which measures minimum height as low as 65 mm with an accuracy of 0.5 mm this is directly mounted on any diesel generator fuel tank. This product is specially designed for mobile tower management system and has got proven track record at many locations.

CONSTRUCTION

Consists of a sensing & ground concentric electrode with integral electronics enclosed in cast Aluminium enclosure. The probe is top mounted with threaded / flanged process connections. The capacitance formed between sensing & ground electrode is proportional to the change in liquid level, is sensed and converted to 4-20mA analogue output.

TECHNICAL SPECIFICATION

Measuring Range	From 65 mm to 1000 mm
Transmitter Type	Loop Powered
Supply Voltage	12 to 24 V DC
Out Put	4-20ma @ Constant Current Load of 500Ω RS-485 (Optional)
Temperature	-20 to 100°C
Enclosure	Die-Cast Aluminum, Duly Approved for IP 65 / 67
Resolution	1mm
Electrode Construction	Rigid Sensing with Concentric Ground Pipe
Cable Gland	Polyamide X PG 9

MODEL IDENTIFICATION

Output	
24 VDC Supply & 4 – 20 mA output	1
24 VDC Supply & 0 – 5 VDC	2
24 VDC Supply & 0 – 10 VDC	3
24 VDC Supply & RS 485	4
24 VDC Supply & RS 232 (TTL)	5



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