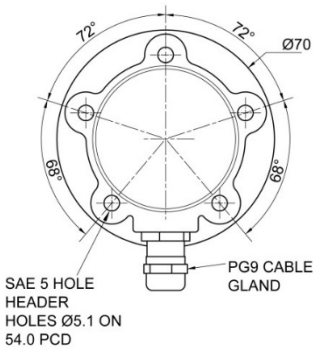
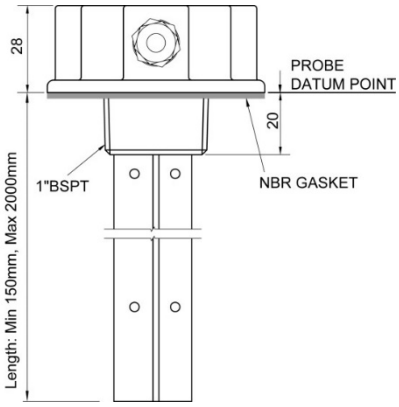
T/LL36x Installation Instruction





Model Variant Table	
Model No.	**Output**
T/LL350	Resistive
T/LL351	Voltage
T/LL352	Current
T/LL353	Resistive + Alarm
T/LL354	Voltage + Alarm
T/LL355	Current + Alarm

1. System description:

The T/LL35X consists of a tank mounted electronics enclosure and a twin capacitive probe made from an anodized aluminium extrusion. The sender output is specified by the customer and factory set during manufacture.

2. Output options:

T/LL350 Emulated resistance # **Any range value 3 –500e or 500 - 3e**	**T/LL353 Emulated resistance #** **Any range value 3 - 500e or 500 - 3e**
T/LL351 Voltage **0-10 VDC range (24V systems)** **0-5 VDC range (12V systems)** **NB max load on voltage output = 10mA**	T/LL 354 Voltage 0-10 VDC range (24V systems) 0-5 VDC range (12V systems) NB max load on voltage output = 10 mA With level alarm #
T/LL352 Current **Any range value 0-20mA range**	T/LL355 Current Any range value 0-20 mA range With level alarm#

NB Level alarm output options – maximum load 100mA.

3. Mechanical ´xing

1" BSPT, mounting thread or 5-hole SAE flange mounting. Guide the probe through the tank opening. Either secure the 5 off M5 bolts to a torque of 22 Nm or thread into position on 1" BSPT to hand tight plus one quarter turn with a peg spanner.

4. Electrical Supply

Voltage supply: 9-32 VDC
Current Supply Max 35 mA at 24 VDC

5. Electrical Connections

Electrical connectors are fitted as specified by the customer. For a standard unit, the convention used is:
Red wire: V+ Black wire: Ground (0 V). Green wire: Signal

For units with level alarm: White wire: Alarm switch

Notes:
A minimum clearance of 20mm between the end of the probe and the bottom of the tank is recommended. #Do not connect V+ supply voltage to the signal or level alarm out pin – this may damage the sender electronics.