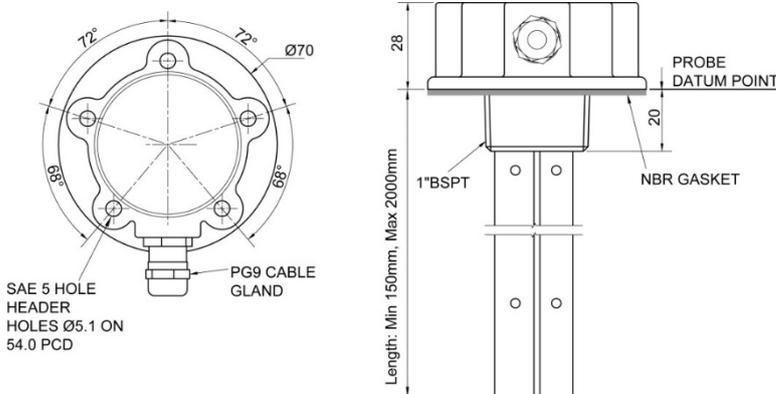


## T/LL35x Installation Instruction



| 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:

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

NB Level alarm output options – maximum load 100mA.

### 3. Mechanical fitting

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.