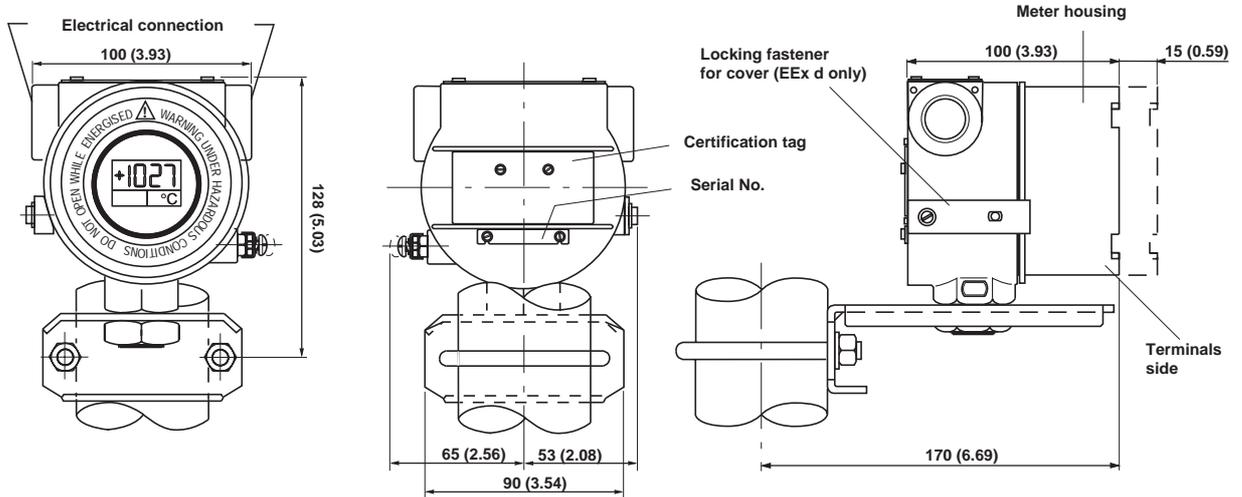


# 600T Series Transmitters

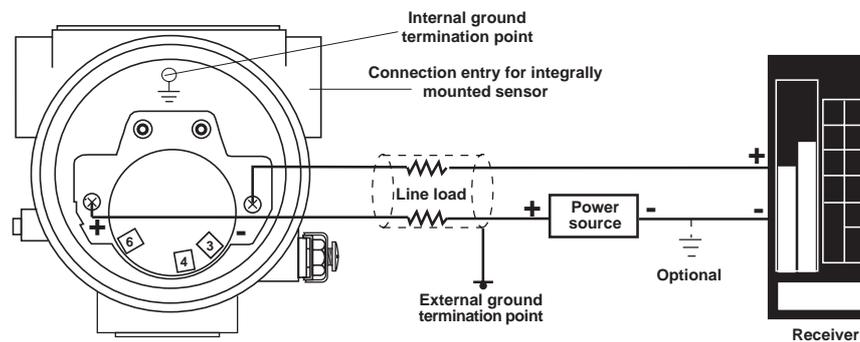
## Model 653L

### Electronic temperature transmitter (PC programmable for RTD and resistance)

#### MOUNTING DIMENSIONS



#### ELECTRICAL CONNECTIONS



INPUT TYPE	TERMINAL CONNECTION
Resistance thermometer and Linear resistance	Terminals 3 and 6 = inputs Terminal 4 = 3rd wire

#### Electrical connections

Two 1/2 NPT or M20 x 1.5 or PG 13.5 or 1/2 GK threaded conduit entries, direct on housing, both available for output/supply signal when the sensor is mounted remotely. Alternatively, one 1/2 NPT threaded entry for integrally mounted sensor and one 1/2 NPT or M20 x 1.5 or PG 13.5 or 1/2 GK threaded entry for output/supply signal, direct on housing.

#### Terminal block

- two terminals for 4-20 mA output/supply signal wiring up to 2.5 mm<sup>2</sup> (14 AWG) and two jacks compatible with 3 mm dia miniature plugs.
- three terminal for input signal wiring up to 1.5 mm<sup>2</sup> (16 AWG)

**Grounding :** Internal and external 6 mm<sup>2</sup> (10 AWG) ground termination points are provided