

## TG - 20

### DIGITAL TEMPERATURE GAUGE

#### Features

- Local or Remote Sensor
- Display Auto Shut-Off facility
- Battery Operated
- Protection Class IP-65
- Unit Conversion Facility
- Handy and Maintenance Free
- Reliable and Cost Effective

#### Description

**E**lectronet series TG-20 are digital temperature gauges for fast, easy & trouble free operation. These can be cost effective & ideal for monitoring the temperature.

Display shut-off facility is provided so that display can be made 'ON' only if required through push button. Thus it saves the battery power & results in long lasting battery operation.



#### Technical Specifications

Sensor Type	1) RTD PT100, PT200 2) Thermocouple (J & K)
Sensor Length	As per requirement
Range	As per Input selection
Display	8 x 1 LCD
Accuracy	+/- 0.25% of F.S for TC Input +/- 0.1% of F.S for RTD Input
Process Pressure	100 Bar max
Display Lock	Display can be made ON by pressing push button on Front Fascia Display remain ON for 20 sec & then it will get OFF
Power Supply	3.6 V Battery Operated
Battery Life	With Backlight : 1500 hrs & Without Backlight : 2000 hrs continuous operation
Response Time	< 500 mSec
Temperature Coefficient	+/- 0.01% per °C
Enclosure	SS / Die Cast Aluminium IP-65 / Flameproof
Dimensions	100 mm (Diameter) x 80 mm (Depth)
Mounting	Direct Line Mount
Process Connection	½" BSP (M) Standard / (other on request)
Weight	1 Kg
Operating Conditions	Temperature -20 to 55°C / Humidity 5 to 95% non condensing
Certification	<b>CE</b>

Dimensional Details

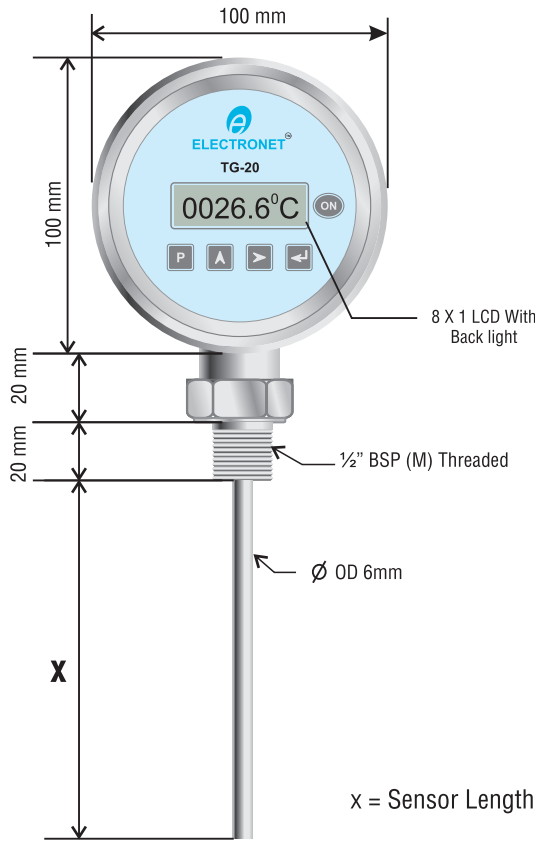


Fig 1 Front View

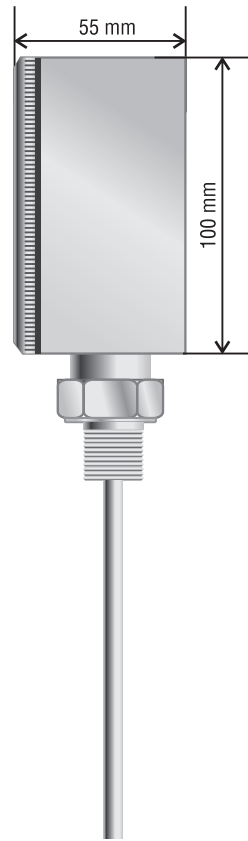


Fig. 2 Side View

Ordering Information

Sample Order Code : 07A-09B-10C-22B-42A-66B-77AB-77BZ-96D

Parameter	Code	Value	Parameter	Code	Value
07 Area Classification	07A	Weather Proof	66 Process Connection	66A	Threaded
	07B	Flame Proof		66B	Flanged
09 Electronics	09A	Integral		66E	Tri Clover
	09B	Remote	77A RTD Sensor Type	77AA	PT - 100
10 Remote Cable Length	10A	2 Meter		77AB	PT - 200
	10B	5 Meter		77AZ	NA
	10C	10 Meter	77B Thermocouple Sensor Type	77BC	J
	10D	15 Meter		77BD	K
	10E	25 Meter		77BZ	NA
		10Z	NA	96 Transmitter Mounting Type	96C
22 MOC Electronics Enclosure	22A	Die Cast Aluminium	96D		Pipe Mount
	22B	SS316	96E		Flush of the Panel
42 Type of Input	42A	RTD	Note : ▪ Due to our continuous product revisions, design specification and model numbers are subject to change without notice. ▪ Accuracy defined at Lab Conditions. ▪ For other requirement please consult factory.		
	42B	Thermocouple			

ELECTRONET EQUIPMENTS PVT. LTD.

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