

DIGITAL TEMPERATURE GAUGE

Features

- Local or Remote Sensor
- Display Auto Shut-Off facility
- Battery Operated
- Electronics Protection Class : Weatherproof IP65, IP67
- Unit Conversion Facility
- Handy and Maintenance Free
- Reliable and Cost Effective

Description

Electronet 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 PT-100, PT-200 2) Thermocouple (J & K)
Temperature Sensor Immersion Length	100 mm, 300 mm, 500 mm
Range	As per Input selection
Display	LCD Display
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	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	Head Mount, 2 Inch Pipe Mount
Process Connection	½" BSP (M) Standard / (other on request)
Weight	1 Kg
Ambient Conditions	Temperature -20 to 55°C / Humidity 5 to 95% non condensing
Certification	CE

Dimensional Details

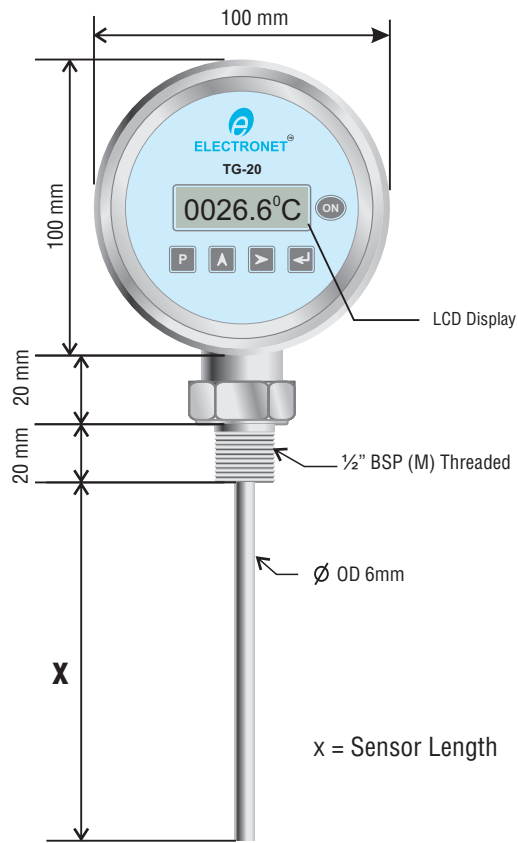


Fig 1 Front View

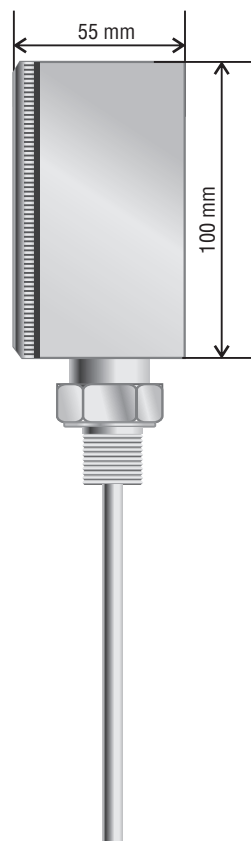


Fig. 2 Side View

Ordering Information

Sample Order Code : TX 2 | A2 | B1 | D1 | E2 | F2 | G1 | J2 | K1 | ST 2 | L4 | M2 | N2 | O1

Parameter		Code	Description	Parameter		Code	Description
TX	Transmitter Mounting Type	TX 2	Head Mount	ST	Sensor Type	ST 1	PT-100
		TX 3	2 Inch Pipe Mount			ST 2	PT-200
A	Type of Input	A1	RTD			ST 3	Thermocouple J Type
		A2	Thermocouple			ST 4	Thermocouple K Type
B	Type of Input Sensor 1	B1	RTD PT-100			ST X	NA
		B2	RTD PT-200	L	Temperature Sensor Immersion Length	L1	100 mm
		B5	Thermocouple J Type			L2	300 mm
		B6	Thermocouple K Type			L3	500 mm
		BX	NA			LY	Other
			LX			NA	
D	Electronics	D1	Integral (Local)	M	Temperature Sensor Diameter	M1	6 mm
		D2	Remote			M2	12 mm
E	Sensor Remote Cable Length	E1	5 Meter			MY	Other
		E2	10 Meter			MX	NA
		E3	15 Meter	N	Process Connection	N1	¼" NPT (M)
		E4	25 Meter			N2	½" NPT (M)
		EX	NA			N3	¼" BSP (M)
F	Electronics Enclosure	F1	Field Mount Weather Proof IP65			N4	½" BSP (M)
		F2	Field Mount Weather Proof IP67			N5	1" ASA 150 FLANGE
		FX	NA	N6	2" ASA 150 FLANGE		
G	MOC Electronics Enclosure	G1	Die Cast Aluminium	NY	Other		
		G2	SS316	NX	NA		
		G3	ABS Plastic	O	Sensor & Process Fitting MOC	O1	SS316
J	Communication Output 1 (Any one)	J1	RS485 (MODBUS RTU)			O2	Hastelloy C
		J2	RS232			OY	Other
K	Communication Output 2 (Any one)	K1	GSM				
		K2	GPRS				

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.

ELECTRONET EQUIPMENTS PVT. LTD.

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