

TS-01

Digital Temperature Sensor

Exclusive accessory for GCU-2000 Digital Genset PLC Control Unit

Features

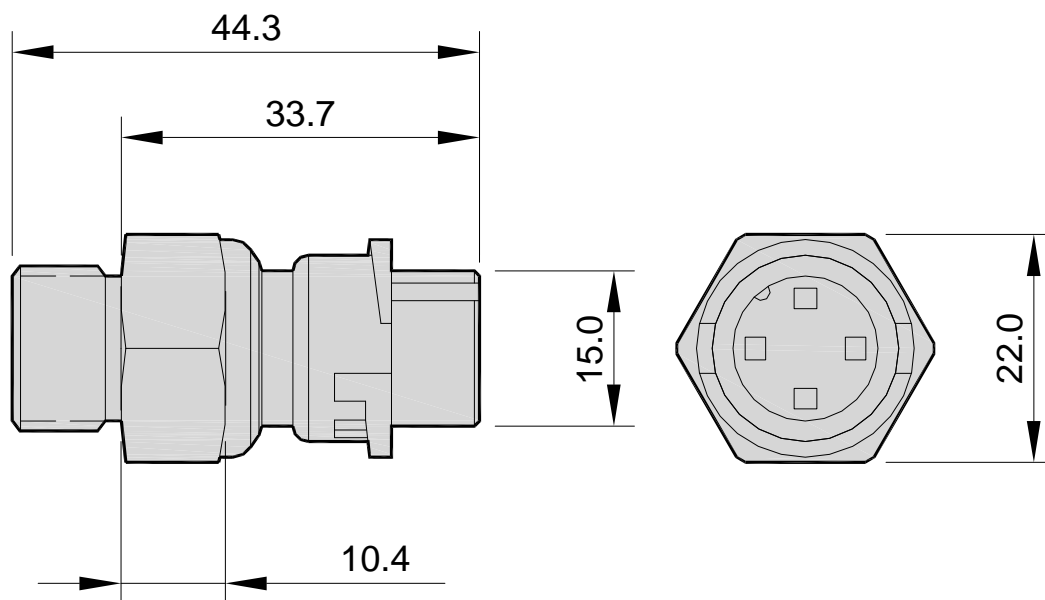
- Accuracy $-25\sim 100\text{ }^{\circ}\text{C} \pm 2.0\text{ }^{\circ}\text{C}$ (Max.)
- Operating Temperature Range $-55\sim 125\text{ }^{\circ}\text{C}$
- Display Accuracy $0.5\text{ }^{\circ}\text{C}$ / step
- ESD Protection 2000V
- Transmission Distance 30M
- Waterproof Integral Electrical Connector
- Exceptional Shake and Vibration Tolerance
- No Adjustment Needed, 100% Compatibility if New Sensor Replaced
- Built in Digital Sensor, Excellent Accuracy, More Precise Than the Traditional Thermocouple or Resistance Temperature Sensor
- Extremely Stable Linearity Output, No need for Adjustment After Installation or Maintenance



Specifications

Supply Voltage	3.0~5.5 VDC	ESD Protection	2000V
Supply Current	1.0 mA	Output Interface	SMBus Interface
Accuracy	$-25\sim 100\text{ }^{\circ}\text{C} \pm 2.0\text{ }^{\circ}\text{C}$ (Max.)	Thread	M16-1.5
Display Accuracy	$0.5\text{ }^{\circ}\text{C}$ / Step	Ingress Protection	IP65
Burst Temperature	$260\text{ }^{\circ}\text{C}$ (10 sec.)	Operating Temperature	$-55\sim 125\text{ }^{\circ}\text{C}$

Mechanical Specifications (Unit : mm)



Physical Specification

Dimensions	TS-01-2.5 2.5M	Weight	TS-01-2.5 154 g $\pm 2\%$
	TS-01-5.0 5.0M		TS-01-5.0 249 g $\pm 2\%$



固也泰電子工業有限公司
KUTAI ELECTRONICS INDUSTRY CO., LTD.



TEL: +886-7-8121771 FAX: +886-7-8121775

Head Office: No.3, Lane 201, Chien Fu St., Chyan Jenn Dist., Kaohsiung, TAIWAN
Please link to <http://www.kutai.com.tw> for detailed manual.