

TS-03

Digital Temperature Sender

Accessory for use with KUTAI GC4K Digital Genset Control Unit

Features

- Accuracy -25°C to +100°C +/-2.0°C (Max.)
- Broad operating temperature range -55°C to +125°C
- Minimum precision 0.5°C / step
- ESD protection up to 2000V
- Transmission range up to 30M
- Special IP65 rated waterproof connection provides excellent protection
- Suitable for use in extreme vibration environments
- All units are the same, requiring no calibration after replacement
- Excellent output signal linearity – requires no adjustment when installed
- Built-in temperature sensing IC provides much better accuracy than traditional thermocouple or impedance type temperature Senders



Specifications

Operating Voltage	3.0 to 5.5 Vdc	Output Interface	SMBus Interface
Max. Current	1.0 mA	Thread	M16-1.5 (optional adapter)
Accuracy	-25 to +100 °C +/-2.0 °C	Ingress Protection	IP65
Display Precision	0.5 °C / Step	Operating Temperature	-55 to +125 °C
Destruction Temperature	260 °C (10 seconds)	Vibration	5.0 Gs @ 60 Hz
ESD Protection	2000V	Weight	50 g +/-2%

Standard Accessories

HU-250-TS03 2.5M cable connects TS-03 to GC4K control unit

Optional Accessories

HU-500-TS03 5.0M cable connects TS-03 to GC4K control unit

CU-12-TS03 Threaded connector, M16-1.5 (turn) M12-1.5

CU-14-TS03 Threaded connector, M16-1.5 (turn) M14-1.5

Dimensions

