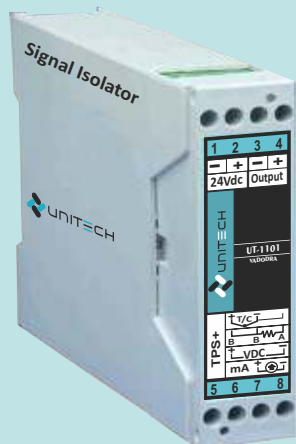


SIGNAL ISOLATOR / CONVERTER



Universal - High Accuracy @ Low Cost

- Slim- only in 22.5 mm Width
- Universal Input With RS-485 and 4-20 mA Output
- Three way Isolation Up to 1.5kVA

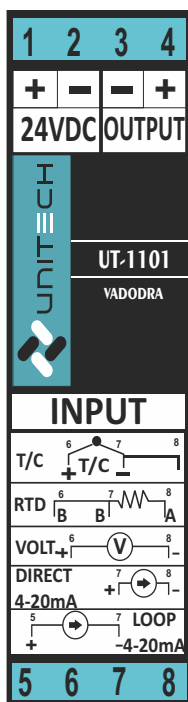
FEATURE

- Microprocessor Based Slim & Compact Design (22.5 mm Width).
- Universal Input Like (RTD, Thermocouple, 4 – 20 mA, 0 – 10 V DC).
- 1.5 kV 3 Port Isolation(Optical & Galvanic) & 0.25% Accuracy Of FSD.
- All Configurations And Calibration From Windows Utility Software.
- 24 V DC Transmitter Loop Power Supply With Current Limiting(Isolated).
- Design As Per Requirement Of IEC & CE Standard.
- Highly Communicative Serial RS-485 Interface Facility.

APPLICATION

- PLC / DCS Systems.
- Process Instruments And PLC Panel.
- Instruments Control Panel.
- System Isolation And Data Logging.
- SCADA & Data Acquisition Systems.
- Data Transition And Convertor.
- AC / DC Drive Systems.

TECHNICAL SPECIFICATION



INPUT	Input Type	Standard : RTD PT 100, T/C- J,K,R,S,E,N,T, L in- 4- 20 mA, 0- 10/5 V DC Special : : Resi.: Up To 10 mOhm Hz:- Up To 2.5 KHz, : 0-10 / 75 mV
	Transmitter Power Supply	Standard : 24 V DC @ 30 mA Max, Isolated , Special : 8V,10 V,12V DC
	Cold Junction Comp.	Software Base Automatic.
	Response Time	1 ms To 200 ms Default 200 ms.
	Accuracy	+/- 0.1 % Of Span For Linear & RTD, +/-0.25 % For T/C
	Input Impedance	>330 K For Voltage, mV And T/C, 100 R For Current
ISOLATION	1.5 KV AC Between	Optical And Galvanic Isolation Provided
		Input To Output , Input To Power, Output To Power And Tps
COMMUNICATION	Communication Protocol	Modbus RTU Rs-485 / Rs-232 Communication
	Programmable Parameter	Baud Rate, Parity, Node Address, Stop Bit & 0-256 Unit
OUTPUT	Output Type	Standard :- 0/4-20 mA /0- 10 V DC Special:- 0- 1V/2V/5V/10V, DC
OTHER	Supply Voltage	24/ 12 V DC 10 Watt Maximum
	Dimension	22.5 (W) X 75(H) X 100(D), Din Rail Mounted, Moc- Abs