

UNIVERSAL TEMPERATURE CONVERTER
4 way isolated - RS485 MODBUS- Datalogger

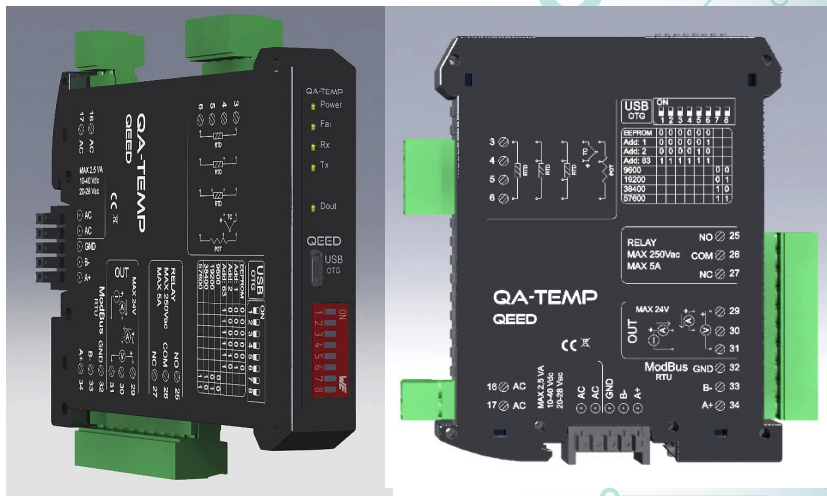
QA-TEMP

Q-TEMP

UNIVERSAL TEMPERATURE CONVERTER
4 way isolated - RS485 MODBUS- Datalogger

POWER SUPPLY	10..40 Vdc, 19-28 Vac, 50-60 Hz
RETRANSMISSION OUTPUT	On isolated analog output, Voltage and Current (impressed) programmable; Active or Passive supply output.
ABSORPTION	Maximum 2 VA
PROTECTION INDEX	IP20
ACCURACY	0,1% F.S.
RISOLUTION	16 bit (15 + sign for TC)
REJECTION	50 -60 Hz
THERMAL STABILITY	<100ppm
WORKING TEMPERATURE	-15...+65°C
STORAGE TEMPERATURE	-40°C... +85°C
ISOLATION	Input, analog and digital output, serial output RS485 and USB port, Power supply, are 4-ways galvanically isolated at 1,5kV.
HUMIDITY	10...90% not condensing
ALTITUDE	Up to 2000 m s.l.m.
MOUNTING	DIN rail mounting with removable terminals, RS485 bus and Supply connection ready on the base of module (connector not included, on request).
CONNECTIONS	Removable terminals 5,08mm
CE STANDARDS	EN61000-6-4/2006 + A1 2011; EN64000-6-2/2005 ; EN61010-1/2010
DIMENSIONS	17,5x 100x 112 mm (terminals excluded)
DATA LOGGER	Non-volatile memory . Log on USB OnTheGo port by Pen Drive stick memory. The software FACILE Q-TEMP (free of charge) allow you to configure Log, all conversion parameters, set contact alarm, set Modbus address and set RTC. RTC Real Time Clock integrated.
CONFIGURATION	By free software FACILE QA-TEMP to configure all of the conversion parameters like span, zero, alarm contact and log via USB port or via RS485. Dip-switch for setting modbus address and baudrate.

Advanced **UNIVERSAL TEMPERATURE CONVERTER**, USB configurable, DIN rail mounting, 4-ways galvanically isolated, universal power supply AC/DC, **Programmable alarm contact**, **RS485 Modbus**.
DATALOGGING via USB with pen drive stick memory and download storage data on excel importable files. **RTC Real Time Clock** integrated.
RTD ,TC and POTENTIOMETER CONVERTER.



INPUT

TEMPERATURE:
RTD : Pt100, Pt500, Pt1000, Ni100. 2, 3 or 4 wire measure, automatic detection of cable interruption.
TC Tipe : J, K, R, S, T, B, E, N; automatic detection of cable interruption.

POTENTIOMETER:
From 1000 Ohm to 10KOhm.

OUTPUT

CURRENT:
0...20mA programmable, max load resistance 600ohm.
VOLTAGE:
0...10V programmable, min load resistance 2kohm.
CONTACT ALARM :
5A 230Vac SPDT relay fully programmable by FACILE Q-TEMP.
RS485 MODBUS:
Bus connection on the base of module by adapter (option) or on terminals. Dip-switch for setting address and baudrate.

4-WAY GALVANIC ISOLATION

