



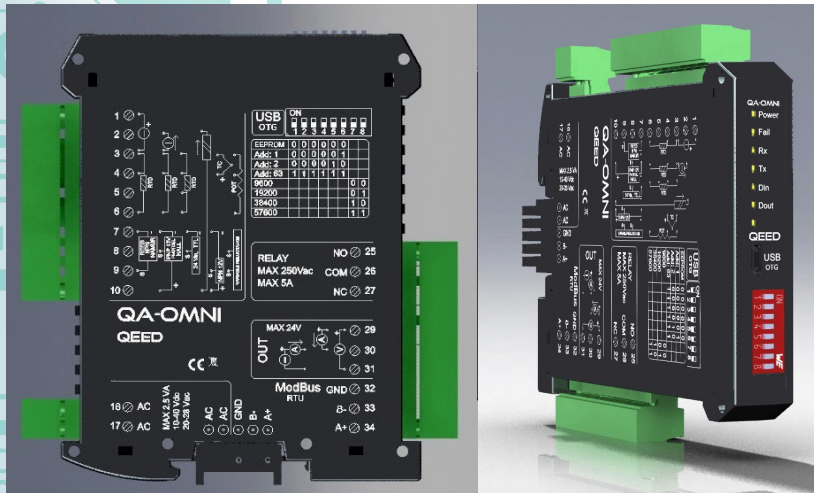
UNIVERSAL SIGNAL CONVERTER 4 way isolated - RS485 MODBUS- Datalogger

QA-OMNI



Advanced UNIVERSAL SIGNAL 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. CURRENT, VOLTAGE, FREQUENCY, POTENTIOMETER, TEMPERATURE (RTD e TC all types).

Table with specifications: POWER SUPPLY 10..40 Vdc, 19-28 Vac, 50-60 Hz; RETRANSMISSION OUTPUT On isolated analog 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 AT 25°C <100ppm; WORKING TEMPERATURE -15...+65°C; STORAGE TEMPERATURE -40°C... +85°C; ISOLATION Input, analog and digital output, serial output RS485 and USB port; HUMIDITY 10...90% not condensing; ALTITUDE Up to 2000 m s.l.m.; MOUNTING DIN rail mounting; CONNECTIONS Removable terminals 5,08mm; CE STANDARDS EN61000-6-4/2006 + A1 2011; DIMENSIONS 17,5x 100x 112 mm; DATA LOGGER Non-volatile memory; CONFIGURATION By free software FACILE QA-OMNI.



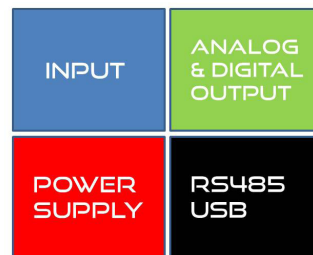
INPUT

- VOLTAGE: Up to 10 Vdc programmable, input impedance 100KOhm, 1mV resolution.
CURRENT: Up to 20 mA programmable, input impedance 20 Ohm, max resolution 2µA.
TEMPERATURE: RTD : Pt100, Pt500, Pt1000, Ni100. 2,3 or 4 wire measure, automatic detection of cable interruption.
POTENTIOMETER: From 1000 Ohm to 10KOhm.
FREQUENCY: From 0,001 Hz to 9,99KHz, mechanical contact, npn 2 and 3 wires, pnp 3 wires with supply of 24 Vdc, namur, photoelectric, Hall sensor, variable reluctance, pulse 24 V, TTL.

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 QA-OMNI.
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



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