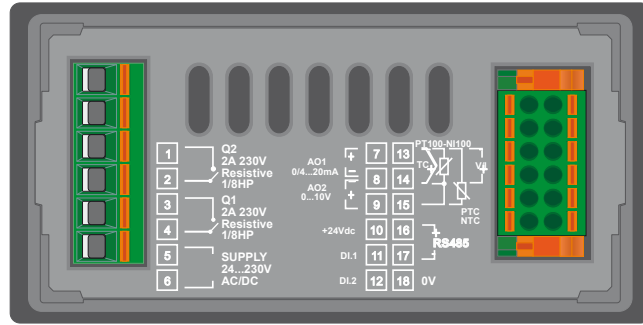


WIRING PLAN



STR550

Indicator - Panel meter

Main features

Box	96x48 (Front panel) x 48 mm / or 1/8Din
Power supply	24..230Vac/dc $\pm 10\%$ 50/60 Hz (galvanically isolated)
Consumption	6 W
Operating conditions	Temperature 0-45 °C, humidity 35..95 RH%
Material	Box: Polycarbonate V0
Weight	Approx. 165 g
Sealing	IP54 (Front panel) with gasket - IP20 (Box and Terminal blocks)
Quick set-up options	Software LABSOFTVIEW and/or Memorycard
Wiring	extractable terminal blocks and spring locking

Inputs

1 Analogue (16 bit)	Selectable for TC type K, S, R, J, T, E, N, B (automatic compensation of the cold junction 0..50 °C), thermoresistances PT100, PT500, PT1000, Ni100, PTC1K, NTC10K (β 3435K), process signals 0-10 V (54000 points), 0/4-20mA (40000 points), 0-60 mV (16000 points), Potentiometer 6 K Ω , 150 K Ω (50000 points) Customizable linear input (max 16 steps)
2 Digital	PNP inputs programmable for Run / Hold / Tare-Zero / Alarms rearmament / Peaks reset/ Min. peak reset Activate-Reset Sum / Parameters-Setpoints Lock

Outputs

2 Relays	Contacts 2A - 250Volt AC (resistive charge)
2 analogue outputs	1 output 0..10Volt (60000 points) - 1 output 0/4..20mA (60000 points)
1 Auxiliary output	24 Vdc / 30mA for external sensors supply (loop-powered)
Serial communication	RS485 Modbus RTU - Slave (1200..115200 Baud) galvanically isolated from Power supply / Inputs / Outputs

Software features

Alarms regulation	ON - OFF with hysteresis
Alarm mode	Absolute / Threshold, Band with instantaneous / delayed / retentive / by digital input activation, Sensor failure / Activation by serial line
Sum Function	By digital input or by keyboard it is possible to sum different process measurements over time
Totalizer Function	Visualisation of instant process value and total value since last reset
Trend visualization	Trend visualisation with selectable time basis 1s to 3600s
Analogue retransmission	Process values / Setpoints
Digital transmission via RS485	Process values / Setpoint / Parameters
Latch-on function	Semi-automatic setting of limits/ calibration values for analogue input
Data Logger	Data logger function with selectable time basis 1s to 3600s, tot memory 2,5k words
Text menus	English/Italian/Deutsch/French/Spanish

Ordering codes

STR550-12ABC-T	1 Analogue input + 2 Relays 2A + 1 Out 0..10V + 1 Out 0/4..20mA + RS485 Modbus RTU /Slave
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