



Pavone Sistemi
pesatura elettronica industriale



WEIGHING INSTRUMENTATION

new products

MCT 1302

Touch screen weight indicator perfect for any type of weighing

Practical, easy to install and use

Perfect for static weighing and loading-unloading and multicomponent dosage

Customizable according to necessity

Multilingual menu

Available in Profinet, Ethernet IP, Ethernet, EtherCAT

6 inputs and 6 outputs (optoisolated 24 Vdc)

Internal data memory 64 Kbytes expandable up to 1024 Kbytes

Fieldbus + analog output on board at the same time

TECHNICAL CHARACTERISTICS MCT 1302

Power supply:	5 Vdc (max 8 -350 Ohm- load cells)
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	0.02 microV min
Linearity:	< 0.01% FS
Temperature drift:	< 0.001% FS/ °C
Display:	graphic LCD (240x128 pixel)
A/D converter:	24 bit; internal resolution up to 16.000.000
Frequency signal acquisition:	12 ÷ 1000 Hz
Displayable resolution:	999.999 displayable divisions on net weight
Value divisions (selectable):	x1, x2, x5, x10, x20, x50; 4 decimal point
Filter:	selectable 0.1÷250 Hz
Keyboard:	4 wires resistive touch screen
Power supply:	10-30 Vdc - Power consumption 5 W
Operating temperature:	-10/+ 50°C (humidity max 85% no condensation)
Storage temperature:	-20 ±+70°C
Logic outputs:	6 opto-isolated; max 24 Vdc/100mA each
Logic inputs:	6 optically isolated 24 Vdc PNP (external power supply)
Additional I/O:	up to 4 external modules with 4 in/8-out each (16 in/32 out, total) by independent RS485
Serial ports:	1 USB device + 1 RS232C + 1 RS485/Fieldbus
Optional analogue output:	optoisolated 16-Bit Voltage: 0 to 5/10 V (R min10 K Ohm), Current: 0/4 to 20 mA (R max 300 Ohm)
Analog output calibration:	keyboard (touch screen)
Analog output linearity:	< 0,02% FS
Temperature drift analog output:	0,001% FS/°C
Microcontroller:	ARM Cortex M0 + 32 bit 256KB Flash reprogrammable onboard from USB
Data storage:	64 Kbytes expandable up to 1024 Kbytes
Regulatory Compliance:	EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for Electrical Safety, EN45501 for metrology
Electrical connections:	removable screw terminal blocks (3.81mm pitch) 150x95x26mm (LxWxH) including terminal blocks;



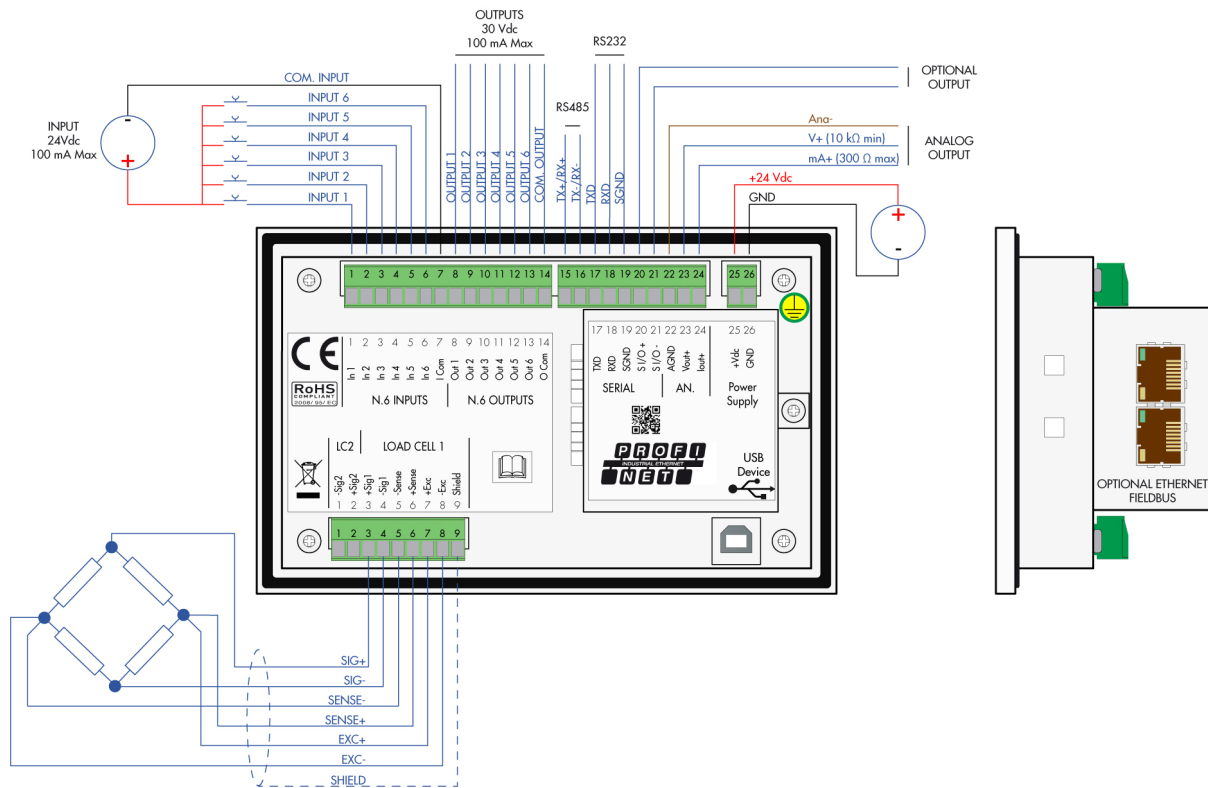


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