



Available with 24 Vdc, high performance and reliability

USB port, output RS232 or RS422/RS485, ASCII Protocols or MODBUS RTU

Upload and download function for programming with 1006 TESTER

Directly connectable to PROFIBUS Fieldbus and to DEVICENET with optional internal board

Up to 32 addressable units, connectable to a PC or PLC
10 points linearization

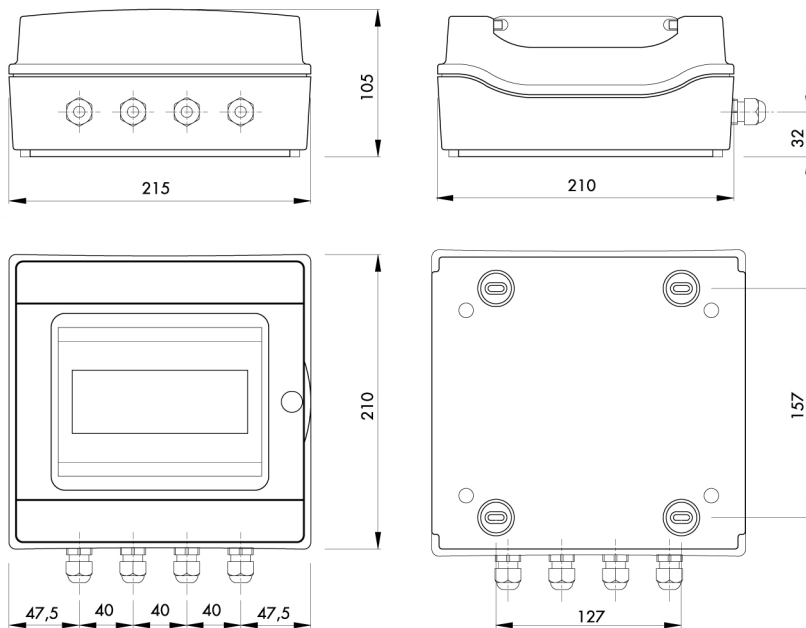
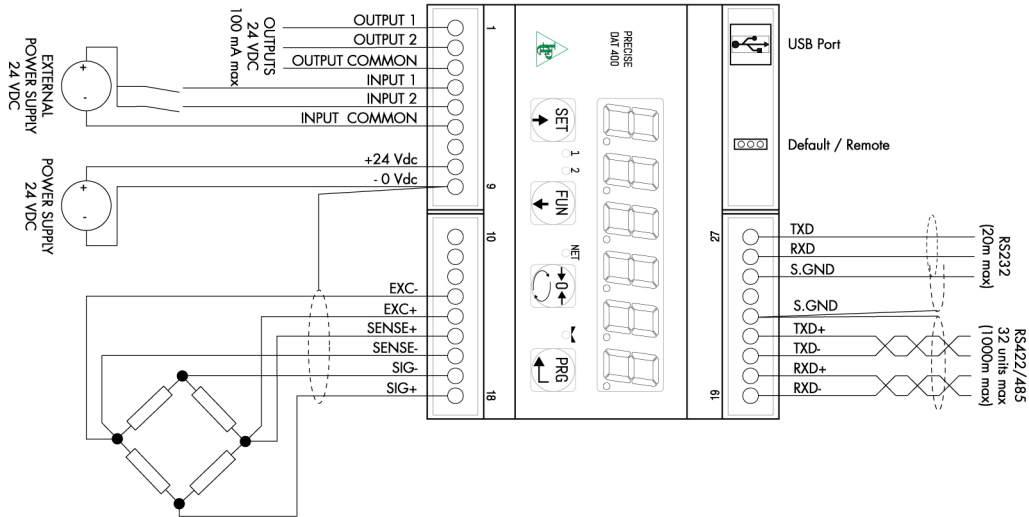
Calibration done using certificates of transducers

Configuration and calibration from the front panel or PC via the USB serial port, RS232/RS485

TECHNICAL CHARACTERISTICS DAT 400 PBS

Trasducer input voltage:	5 V (max 6 load cells 350 Ohm)
Measuring range:	-0.5÷+3.5 mV/V (-3.9÷+3.9 mV/V optional)
Input sensitivity:	0.02 µV/ per count
Linearity:	<0.001% full scale/ °C
Gain drift:	<0.001% full scale/ °C
Display:	6 digit, red LED (7 segments), h 14 mm
A/D Converter:	24 bit
Resolution:	> 16.000.000 counts
Visible resolution:	60.000 divisions displayable on net weight
Set decimal:	0,0; 0,00; 0,000
Filter:	0.1 ÷ 25 Hz adjustable
Keyboard:	4 tactile feedback buttons
Tool voltage:	18 ÷ 28 Vcc - power 5 W
Temperature range:	-10 ÷ +50°C
Storage temperature:	-20 ÷ +70°C
Logic output:	2 Solid-state relays, (maximum load 24 Vdc / 100 mA each)
Logic input:	2 optoisolated 24 V c.c. PNP (External voltage)
Serial door:	USB, RS232C or RS422/RS485 with ASCII or Modbus RTU protocols
Transmission distance:	15m (RS232C), 1000m (RS422 e RS485)
FIELDBUS protocol:	PROFIBUS, DEVICENET, ETHERNET, PROFINET (opzionale)
Others fieldbus communication:	CANopen, Modbus-Plus and other; Precise Gateway 3000 (opzionale)
Peak Hold function:	for dynamic measures
Baud rate:	2400, 9600, 19200, 38400, 115200 adjustable
Analogic optional output:	optoisolated 16 Bit Tension: 0÷5/10V (R min10 K Ohm) Current: 0/4÷20mA (R max 300 Ohm)
Regulatory compliance:	EN50081-1, EN50082-2 for EMC; EN61010-1 for Electrical security
Electrical connection:	Terminal screw pass 5 mm and 4 cable glands PG9
Dimensions and weight:	215x210x105 (PBS) (LxHxD)





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