



Weighing Instrumentations

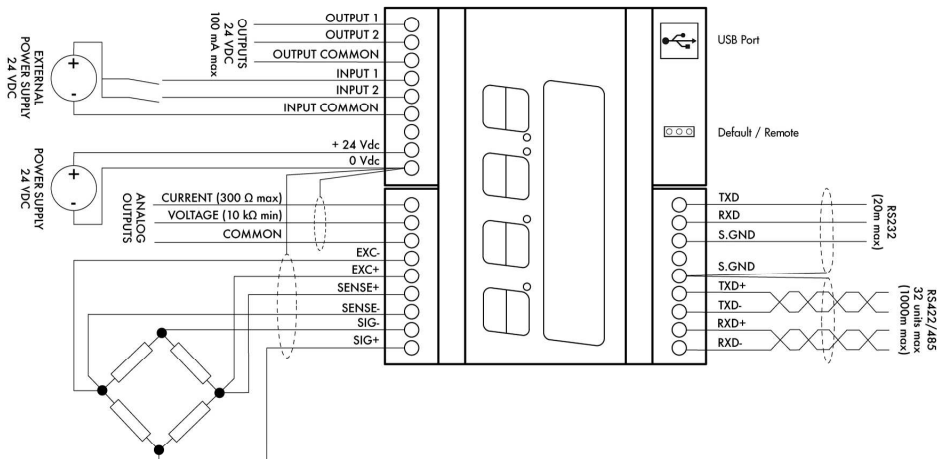
weight transmitters



DAT 400

- Pavone Sistemi's WORLDWIDE EXCLUSIVE DEALING
- USB port, output RS232 or RS422/RS485, ASCII Protocols or MODBUS RTU
- High performance and reliability
- Upload and download function for programming with 1006 TESTER

- Directly connectable to PROFIBUS Fieldbus or DEVICENET with optional internal board. Now available also with PROFINET
- 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 with the program INNOVATION™ (MS Windows)
- Version bipolar $\pm 10V$



TECHNICAL CHARACTERISTICS DAT 400

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 microV/division
Linearity:	< 0.01% FS
Gain, drift:	< 0.001% FS/ °C
Display:	6 digit, red LED (7 segments), h 14 mm
LED status:	4 red
A/D Converter:	24 bit
Resolution:	> 16.000.000 counts
Visible resolution:	60.000 divisions displayable on net weight
Divisions value (adjustable):	x1, x2, x5
Decimal:	0.0 ; 0.00 ; 0.000
Filter:	0.1÷25 Hz adjustable
Keyboard:	4 tactile feedback buttons
Tool voltage:	24 Vcc ±15% - 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 Vcc PNP (External voltage)
Serial door:	USB, RS232C o RS422/RS485 with ASCII or Modbus RTU protocols
Transmission distance:	15m (RS232C), 1000m (RS422 e RS485)
FIELDBUS protocol:	PROFIBUS, DEVICENET (optional)
Others fieldbus communication:	CANopen, Modbus-Plus and other
Peak Hold function:	only for dynamics measures
Baud rate:	2400, 9600, 19200, 38400, 115200 adjustable
Analog output optional:	optoisolated 16 Bit Tension: 0÷5/10 V (R min10 K Ohm), Current: 0/4÷20 mA (R max 300 Ohm)
Regulatory compliance:	EN61326-1, EN55011 and EN55014 for EMC; EN61010-1 for electrical security
Electrical connection:	Screw terminals 5 mm
Dimensions and weight:	106 x 90 x 58 mm (L x H x P); 250 g
BCD output:	optional

