



Pavone Sistemi
pesatura elettronica industriale



WEIGHING INSTRUMENTATION

weight transmitters

DAT 400/ANALOG

Pavone Sistemi's WORLDWIDE EXCLUSIVE DEALING, high performance and reliability

USB port, output RS232, ASCII Protocols or MODBUS RTU

Upload and download function for programming with 1006 TESTER

10 points linearization

Calibration done using certificates of transducers

Configuration and calibration from the front panel or PC via the USB serial port

TECHNICAL CHARACTERISTICS DAT 400/ANALOG

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
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 ports:	Nr. 2 - USB/RS232C, RS485 with ASCII or Modbus RTU protocols
Transmission distance:	15m (RS232C) and 1000m (RS422 e RS485)
Peak Hold function:	only for dynamics measures
Baud rate:	2400, 9600, 19200, 38400, 115200 adjustable (for RS232)
Analog output:	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





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