Weight Transmitter **DAT 500 Devicenet**

available with certification • UL • GOST

General information

PWS22820261105

The DAT 500 Devicenet weight transmitter has high performance and reliability and It has the upload and download function for the programming with TESTER 1008. The DAT 500/DEVICENET can be connected through the external converter and the configuration and calibration can be set up from the front panel or from the PC with the Inovation ™ program (MS WINDOWS). The weight transmitter DAT 500 Devicenet has a Peak Hold function for dynamic weighings and screw terminal blocks.



Software Inovation 2: inovation_2_weighing_software.zip

Devicenet EDS file: dat_400_500_devicenet_eds.zip

Technical Manual: dat-500_en.pdf

Technical Manual: dat-500_fieldbus_en.pdf

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

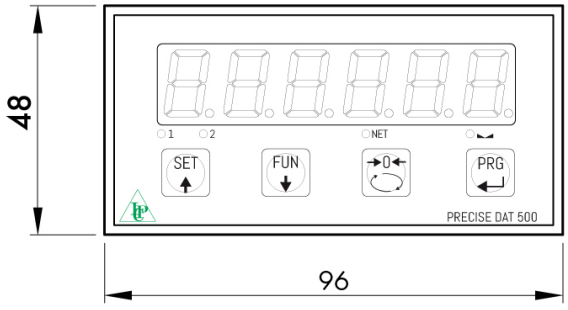
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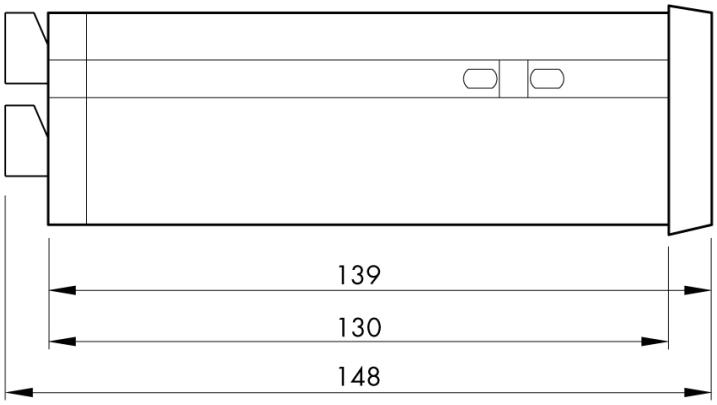
Measuring range:	-0.5 ÷ +3.5 mV/V (-3.9÷+3.9 mV/V optional)
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	<0.01%
Gain drift:	<0.001% FS/°C
Display:	6 digit, red LED (7 segments), h 14 mm
A/D Converter:	24 bit
Internal Resolution:	> 16.000.000 points
Trasducer input voltage:	5 V (max 6 load cells 350 Ohm)
Visible resolution (in divisions):	60000
Divisions value (adjustable):	x1, x2, x5
Decimal figures range:	0 ÷ 3
Temperature range:	-10 ÷ +50°C (max umidity 85% without condensation)
Storage temperature:	-20 ÷ +70 °C
Filter:	0.1 ÷ 25 Hz
Logic output:	2 Solid-state relays, (maximum load 24 Vdc / 100 mA each)
Logic inputs:	2 optoisolated 24 Vcc PNP (External voltage)
Serial port:	RS232C with ASCII or Modbus RTU protocols
Power supply:	24 Vcc ±15% - power 5 W
Regulatory compliance:	EN61326-1, EN55011, EN55014 for EMC; EN61010-1 for electrical security
Fieldbus:	Devicenet
Dimensions and weight:	96 x 48 x 120 mm (L x H x D); 250 g
Baud rate:	2400, 9600, 19200, 38400, 115200 adjustable
Transmission distance:	15m (RS232C)

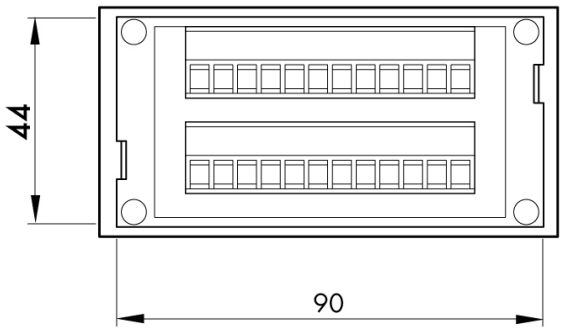
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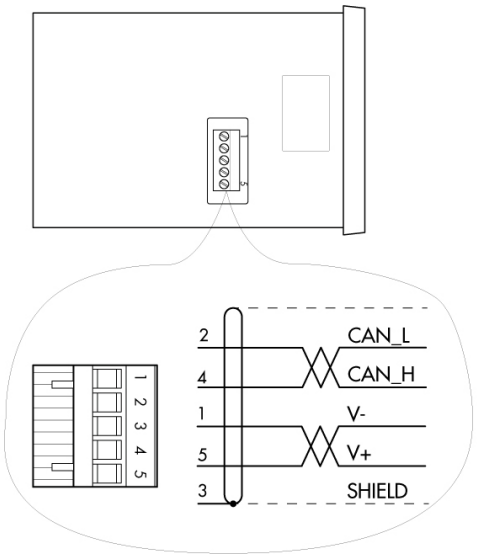
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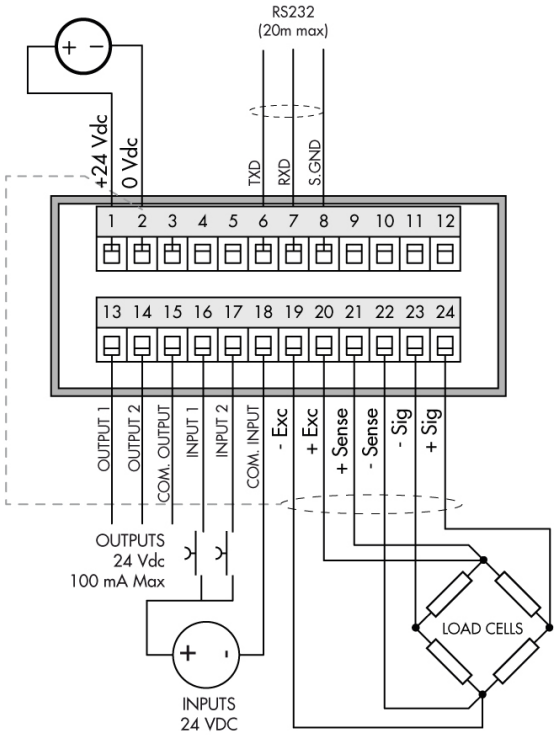
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