

## General information

PWS20320241012

The weight transmitter DAT 200 Ethernet has high performance and long-term reliability. The configuration and calibration can be set up directly from the front panel. The small width dimensions allow to place a large number of transmitters inside the electrical automation panels. The weight transmitter DAT 200 Ethernet has an interface with intrinsically safe barriers for use in hazardous areas. The weight transmitter DAT 200 Ethernet can be customized according to customer needs. It has two red status LEDs, 3 mechanical buttons behind the red door and screw terminal blocks.



Technical Manual: [dat\\_200\\_ethernet\\_technical\\_manual\\_en.pdf](#)

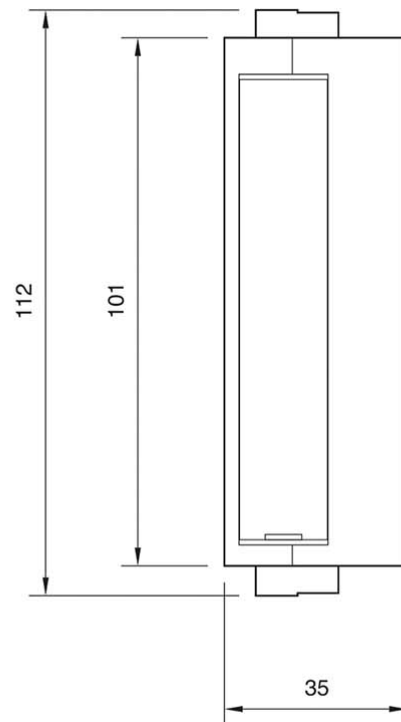
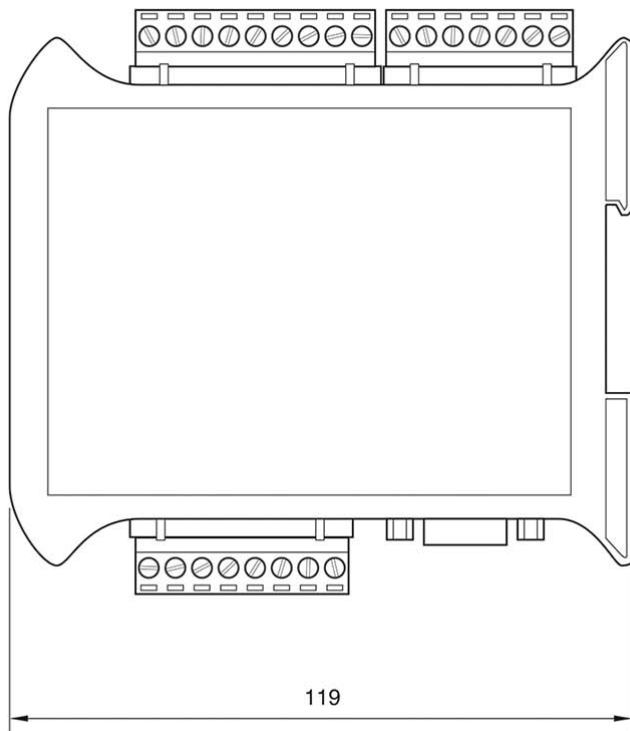
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

PWS20320241012

<b>Measuring range:</b>	-4 ÷ +4 mV/V
<b>Input sensitivity:</b>	0.02 µV/count
<b>Full scale non-Linearity:</b>	<0.01%
<b>Gain drift:</b>	< 0.001% FS/°C
<b>Display:</b>	5 digit, red LED (7 segments), h 7 mm
<b>A/D Converter:</b>	24 bit
<b>Internal Resolution:</b>	16.000.000 points
<b>Transducer input voltage:</b>	4 V (max 4 cells 350 Ohm)
<b>Visible resolution (in divisions):</b>	99999
<b>Divisions value (adjustable):</b>	0.001 ÷ 50
<b>Temperature range:</b>	-10 ÷ +50°C (max umidity 85% without condensation)
<b>Storage temperature:</b>	-20 ÷ +60 °C
<b>Filter:</b>	0.02 ÷ 25 Hz
<b>Serial port:</b>	RS232C half duplex with ASCII protocol
<b>Power supply:</b>	24 Vcc ±10% – power 2 W
<b>Regulatory compliance:</b>	EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for electrical security
<b>Fieldbus:</b>	Ethernet 10/100 with protocols TCP, Modbus/TCP, IP
<b>Baud rate:</b>	2400 ÷ 115200 adjustable
<b>Transmission distance:</b>	15 m
<b>Buffer dimensions:</b>	128 byte IN - 128 byte OUT

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