Weight Transmitter **DAT 200 Profinet**

available with certification • UL

General information

PWS20420261125

The weight transmitter DAT 200 Profinet 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 Profinet has an interface with intrinsically safe barriers for use in hazardous areas. The weight transmitter DAT 200 Profinet can be customized according to customer needs. It has two red status LEDs, 3 mechanical buttons behind the red door and screw terminal blocks.



Profinet hilscher GSD file: dat_200_profinet_hilscher_gsd.zip

Profinet hms GSD file: dat_200_profinet_hms_gsd.zip

Technical Manual profinet hilsher: dat_200_profinet_hilsher_technical_manual_en.pdf

Technical Manual profinet hms: dat_200_profinet_hms_technical_manual_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:	–4 ÷ +4 mV/V
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	<0.01%
Gain drift:	< 0.001% FS/°C
Display:	5 digit, red LED (7 segments), h 7 mm
A/D Converter:	24 bit
Internal Resolution:	16.000.000 counts
Trasducer input voltage:	4 V (max 4 cells 350 Ohm)
Visible resolution (in divisions):	60 000
Divisions value (adjustable):	0.001 ÷ 50
Temperature range:	-10 ÷ +50°C (max umidity 85% without condensation)
Storage temperature:	-20 ÷ +60 °C
Filter:	0.02 ÷ 25 Hz
Serial port:	RS232C half duplex with ASCII protocol
Power supply:	24 Vcc ±10% – power 2 W
Regulatory compliance:	EN61000-6-2, EN61000-6-3 for EMC; EN61010-1 for electrical security
Baud rate fieldbus:	In accordance with Profinet Standard
Fieldbus:	Profinet
Baud rate:	2400 ÷ 115200 adjustable
Transmission distance:	15 m

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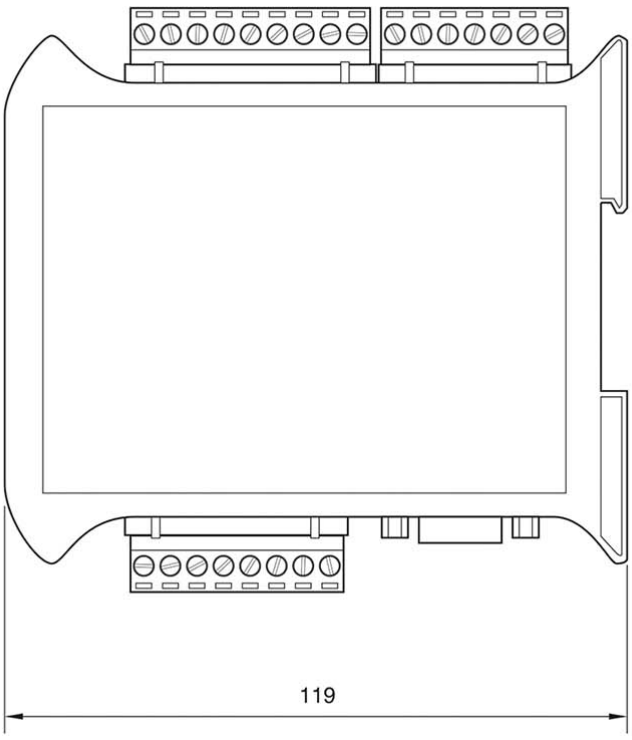

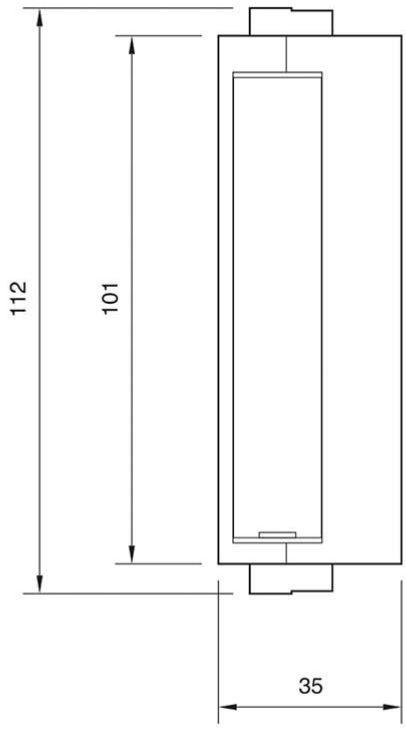

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