Weight Transmitter **DAT 200 Profibus**

available with certification • UL

General information

PWS5520261107

The weight transmitter DAT 200 Profibus guarantees high performance and long-term reliability. Configuration and calibration can be set up directly from the front panel. The weight transmitter DAT 200 Profibus can be connected directly to the Profibus DP fieldbus. The contained dimensions allow to place a large number of transmitters within the electrical panels automation. The DAT 200 Profibus product is interfaced with Intrinsically safe barriers for use in hazardous areas. It has two red status LEDs, 3 mechanical buttons behind the red door and screw terminal blocks.



Profibus GSD file: dat_200_profibus_gsd.zip

Technical Manual: dat_200_profibus_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 points
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:	9.6 K/sec ÷ 12 Mbit/sec
Fieldbus:	Profibus DP-V1
Baud rate:	2400 ÷ 115200 adjustable
Transmission distance:	15 m

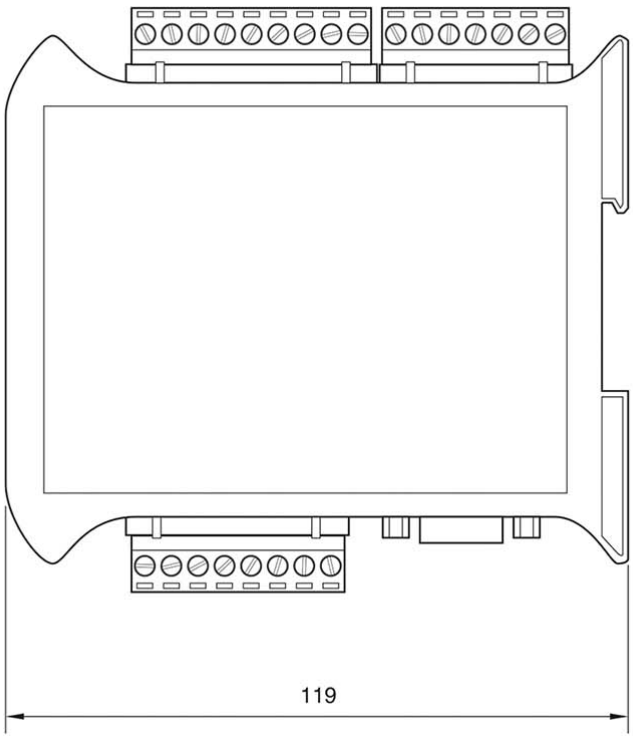
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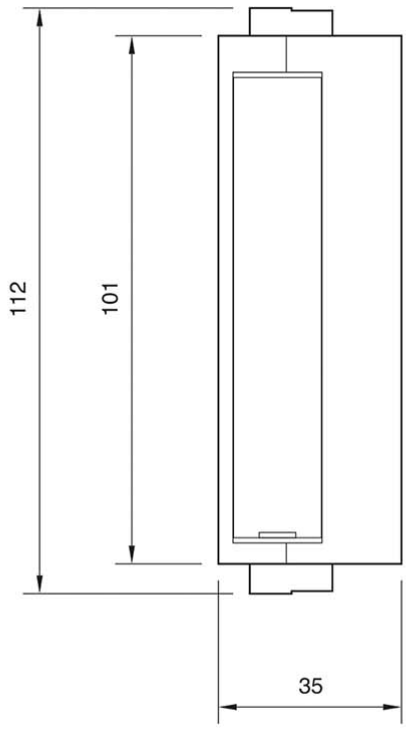
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