# Weight Transmitter **DAT 200 Ethernet IP**

available with certification • UL

## General information

PWS30120261105

The weight transmitter DAT 200 Ethernet IP 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 IP has an interface with intrinsically safe barriers for use in hazardous areas. The weight transmitter DAT 200 Ethernet IP can be customized according to customer needs.




Technical Manual: dat_200_ethernet_ip_technical_manual_en.pdf

Ethernet IP EDS file: dat_200_ethernet_ip_eds.zip

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

**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

# Technical specifications

PWS30120261105

| | |
|---|---|
| **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):** | 999999 |
| **Divisions value (adjustable):** | 0.001÷50 adjustable |
| **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 |
| **Fieldbus:** | Ethernet IP |
| **Baud rate:** | 2400 ÷ 115200 adjustable |
| **Transmission distance:** | 15 m |

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

**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963