# General information

PWS9820260510

The MC 382 product is a weight loss flow regulator used in dynamic weighing that integrates weight and velocity variables and performs the flow regulator function set via PI of the analog output. It is possible to use it as a SLAVE doser, with the set point setting as a percentage on the full scale by means of a serial connection to our instruments and display the status of the I / O, the current weight, the instantaneous speed and the set correction factor.


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

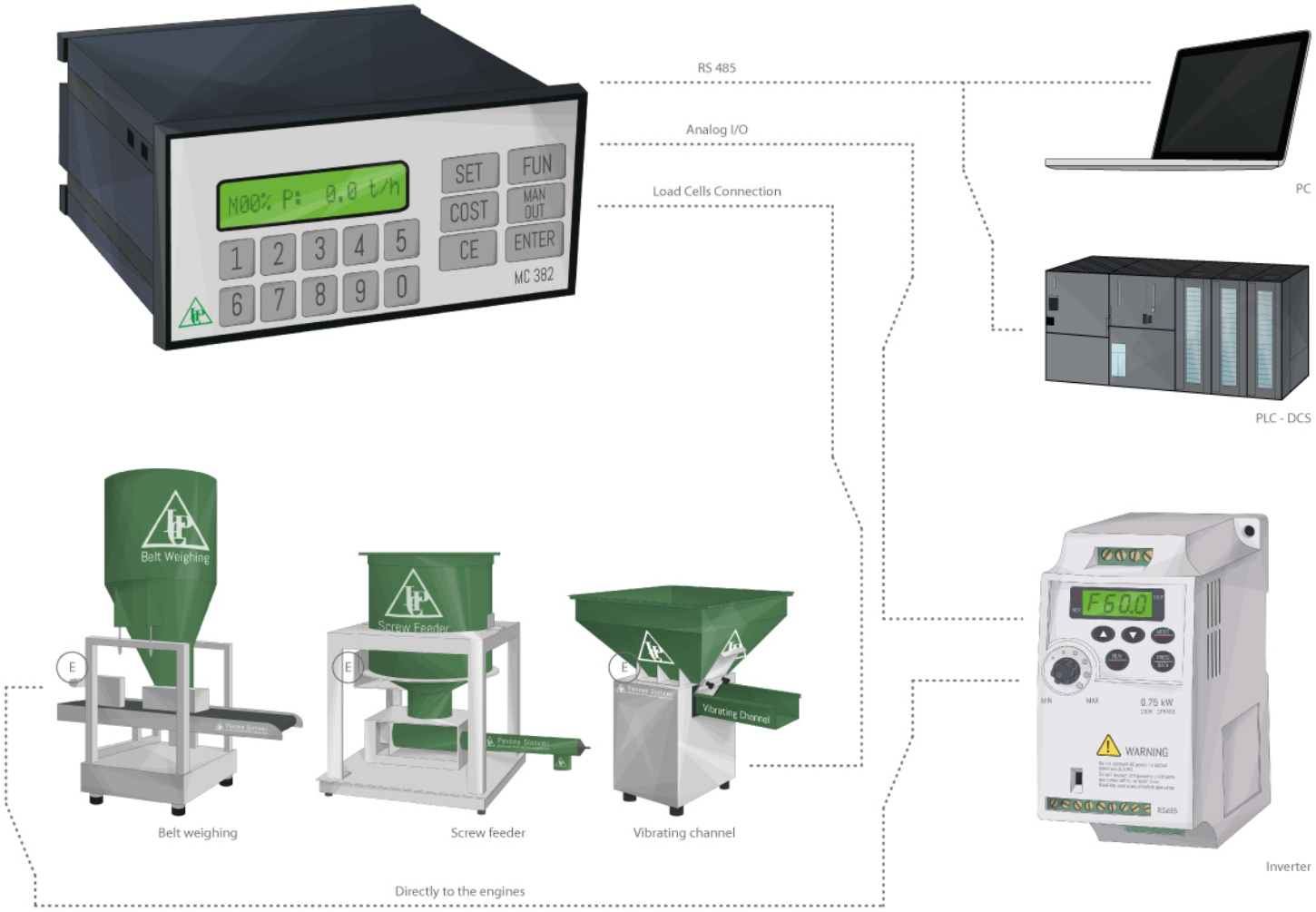
**PAVONE SISTEMI S.R.L.**
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
**T** (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

# Technical specifications

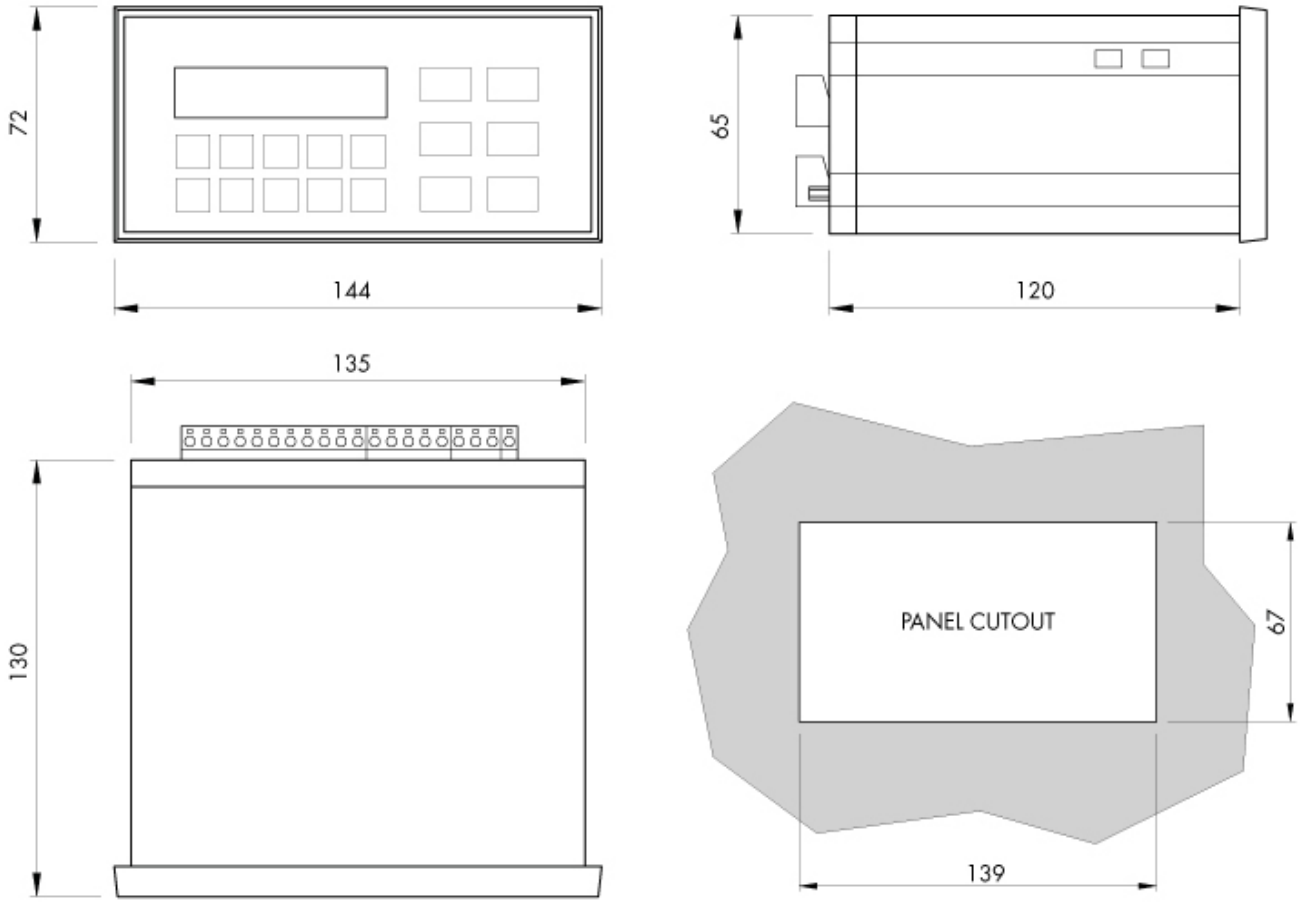
PWS9820260510

| | |
|---|---|
| **Measuring range:** | -3.9 ÷ +3.9 mV/V |
| **Input sensitivity:** | 0.02 µV/count |
| **Full scale non-Linearity:** | <0.01 % |
| **Gain drift:** | <0.001 % full scale/°C |
| **Display:** | LCD alphanumeric backlit 16 x 2 scripts |
| **A/D Converter:** | 24 bit |
| **Trasducer input voltage:** | 5 Vdc / 90 mA ; max 6 (350 Ohm) |
| **Degree of protection:** | IP54 |
| **Visible resolution (in divisions):** | > 60000 |
| **Divisions value (adjustable):** | x1, x2, x5, x10 |
| **Temperature range:** | -10 ÷ +50 °C (max 85% humidity without condensation) |
| **Storage temperature:** | -20 ÷ +70°C |
| **Logic output:** | outputs (NA) MAX 115 Vca /30 Vdc 0.5 A cad. |
| **Logic inputs:** | 8 optoisolated 12 / 24 Vcc PNP |
| **Serial port:** | COM1: RS232 half duplex; COM2: RS422/RS485 half duplex |
| **Power supply:** | 230 (115) Vca 50-60 Hz ; 15 VA |
| **Regulatory compliance:** | EN50081-1, EN50082-2 for EMC EN61010-1 for electrical security |
| **Analog output:** | 0 ÷ 10 V, 0 ÷ 5 V, 0 ÷ 20 mA, 16 bit; R (V)>10 K Ohm, (I)<300 Ohm |
| **Drilling template:** | 139 x 67 mm (L x H) |
| **Dimensions:** | 144 x 72 x 120 mm (L x H x D) |
| **Fieldbus:** | Modbus RTU, Profibus DP external mounting on DIN guide |
| **Baud rate:** | 9600 RS232 - 38400 RS485 |
| **Transmission distance:** | 15m (RS232C), 1000m (RS422; RS485) |

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




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




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