**PAVONE**SYSTEMS

# General information

The MC 302 Analog weight indicator satisfies various needs in the weighing field, from the management of level thresholds to the dosage.It has an optional fiscal memory of up to 160,000 weighs and is able to store 50 different recipes that can be printed automatically. weight indicator has upload and download function for programming using TESTER 1008. The product can be customized according to customer needs.

User Manual: mc-302_user_manual.pdf
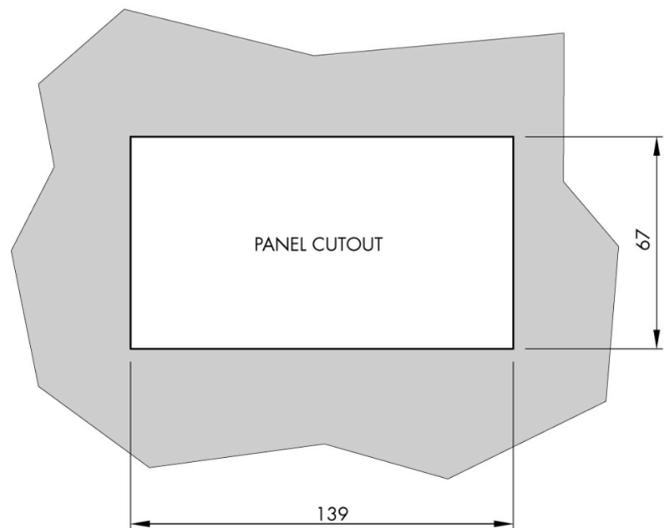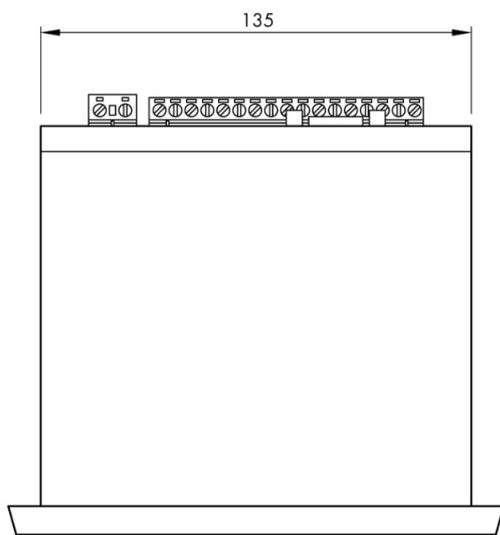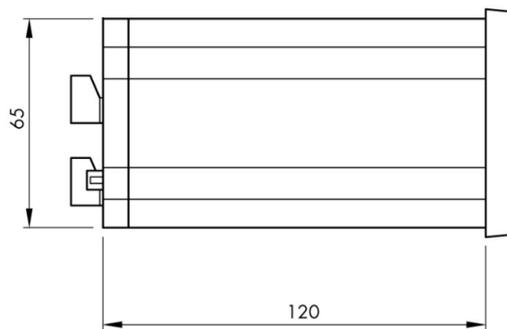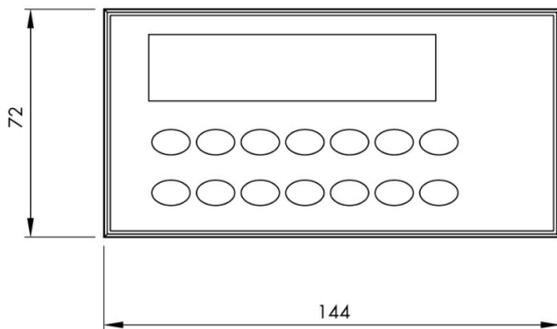
Installation Manual: mc-302_installation_manual.pdf

# PAVONESYSTEMS

# Technical specifications

PWS22320260508

| | |
|---|---|
| **Legal for Trade:** | certification available on request |
| **Measuring range:** | -3.9 ÷ +3.9 mV/V |
| **Input sensitivity:** | 0.02 μV/count |
| **Full scale non-Linearity:** | <0.01% |
| **Gain drift:** | < 0.0003% FS/°C |
| **A/D Converter:** | 24 bit |
| **Internal Resolution:** | > 16.000.000 points |
| **Trasducer input voltage:** | 5 V (max 8 load cells 350 Ohm) |
| **Visible resolution (in divisions):** | 600000 |
| **Divisions value (adjustable):** | x1, x2, x5 |
| **Decimal figures range:** | 0 ÷ 4 |
| **Temperature range:** | -10 ÷ +50°C (max umidity 85% without condensation) |
| **Storage temperature:** | -20 ÷ +70°C |
| **Filter:** | 0.2 ÷ 50 Hz. 100 Hz during dosage |
| **Logic output:** | 6 outputs (NA) MAX 115 Vac /30 Vdc 0.5 A cad. |
| **Logic inputs:** | 6 optoisolated 12/24 Vdc PNP |
| **Serial port:** | COM1: RS232 half duplex COM2: RS422/RS485 half duplex |
| **Power supply:** | 12 ÷ 24 Vcc; 10% +15%; 15 VA |
| **Regulatory compliance:** | EN45501 for Metrological Norms EN50081-1 and EN50082-2 EMC EN61010-1 for Electrical Safety |
| **Baud rate:** | 1200 ÷ 115200 adjustable |
| **Transmission distance:** | 15m (RS232C), 1000m (RS422; RS485) |
| **Analog output:** | Optically isolated 16-Bit Voltage: 0÷5 or 0÷10V (R> 10 Ohm) Current: 0÷20 or 4÷20mA (R <300 Ohm); Linearity 0.03% of full scale; Temperature drift 0.001% of full scale /°C |
| **Fieldbus:** | ASCII, Modbus RTU |
| **Power consumption:** | 230 Vac ÷10% - 50/60 Hz absorbed power 7 VA (115 Vac on demand) |
| **Weighing optional memory:** | > 160.000 weighed |

# Weight Indicator **MC 302 Analog**

available with certification • UL • GOST • EAC • OIML

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PANEL CUTOUT

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