Weight Indicator **MC 302 Analog**

available with certification • UL • GOST • OIML

General information

PWS22320261127

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

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

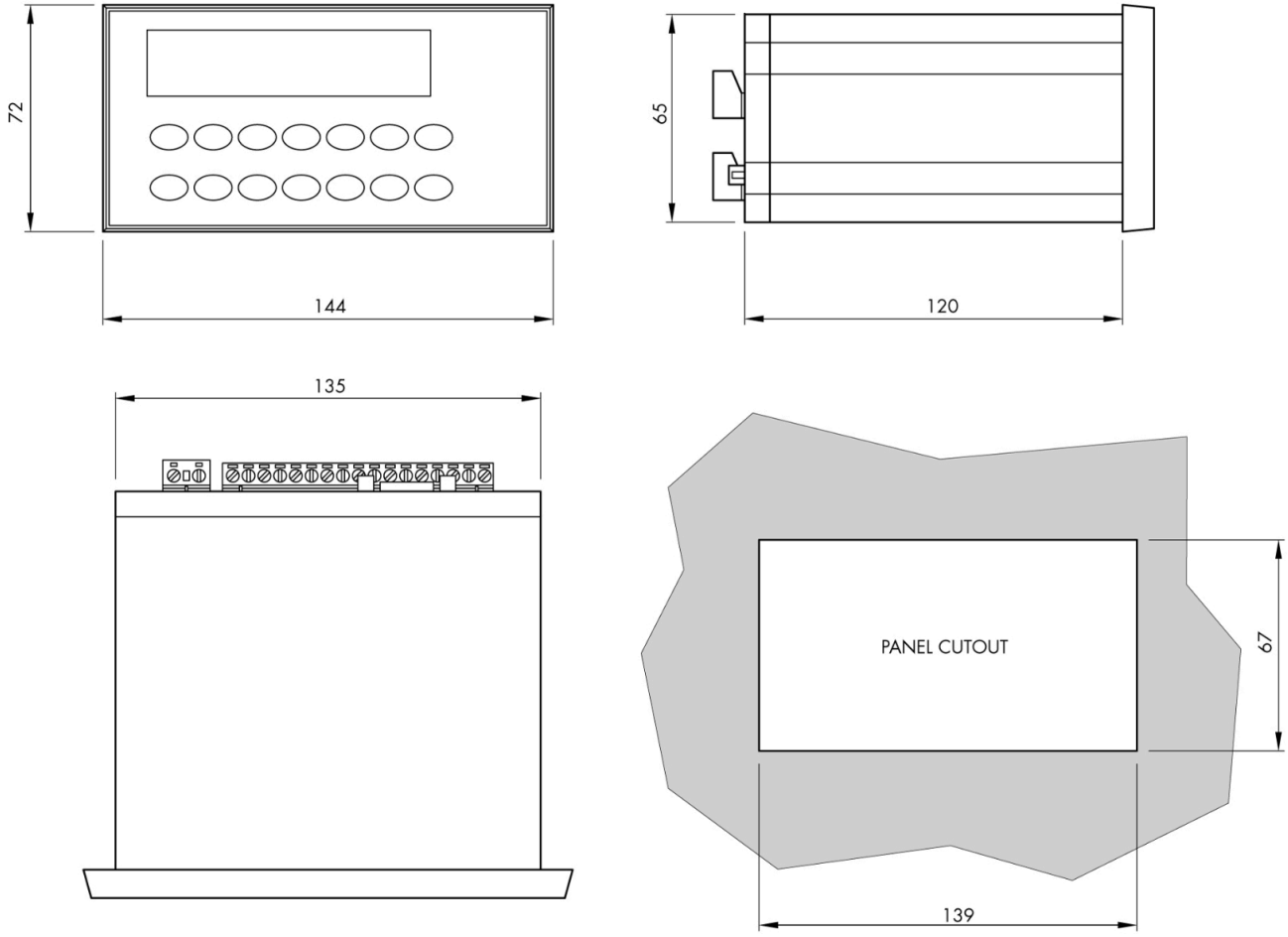
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Legal for Trade:	certification available on request
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	<0.01%
Gain drift:	< 0.0003% FS/°C
A/D Converter:	24 bit
Internal Resolution:	> 16.000.000 points
Trasducer 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

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