Pavone Sistemi
pesatura elettronica industriale

view on site »

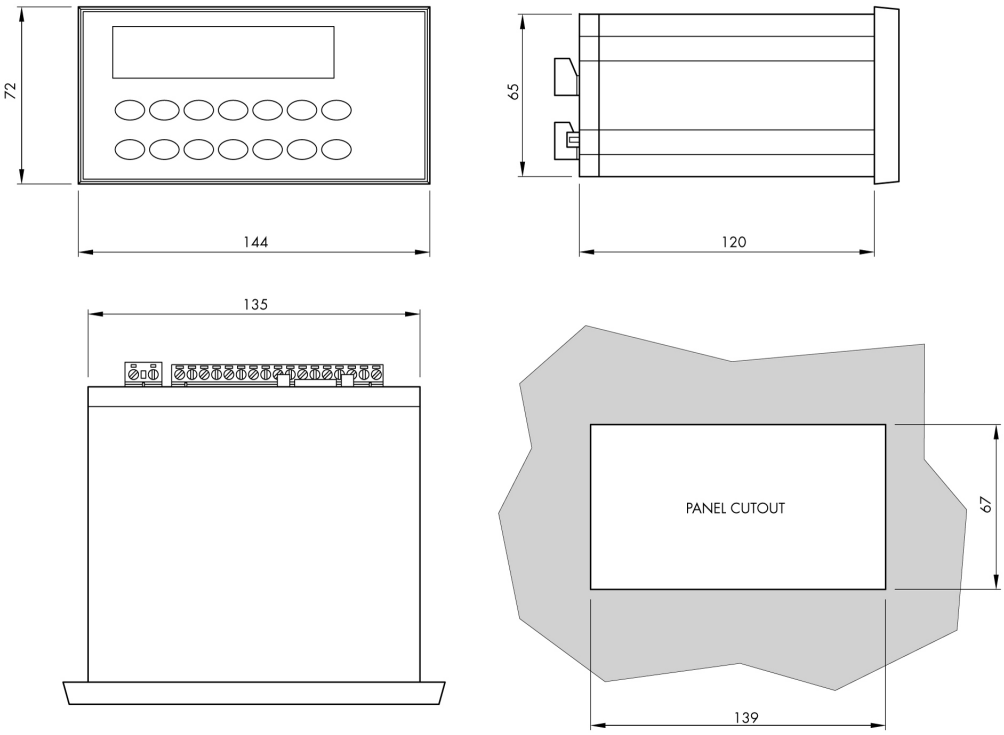
Weighing Instrumentation

weight indicators

MC 302

- Fulfills various needs in the field of weighing, from simple level setpoint to complicated batching procedures
- Production of special software
- 24-bit A/D converter
- Fiscal memory up to 160.000 weighings -option-

- Totalisation of dosed weights according to recipe and component
- RS422/485 and RS232 serial outputs with ASCII protocols and/or Modbus RTU
- Profibus-DP, DeviceNet and Ethernet optional
- 50 different recipes can be stored and automatically printed
- Upload and download function for programming by TESTER 1006
- IP54 protection -front panel-



TECHNICAL CHARACTERISTICS MC 302

Trasducer input voltage:	5 V (max 8 celle da 350 Ohm in parallel)
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	0.02 µV/ per count
Linearity:	<0.01% of full scale
Gain drift:	<0.0003% full scale/ °C
A/D Converter:	24 bit
Internal resolution:	> 16.000.000 counts
Visible resolution:	600.000 divisions displayed on net weight
Divisions value (adjustable):	x1, x2, x5
Set decimal:	0.0 ; 0.00 ; 0.000; 0.0000
Filter:	0.2 ÷ 50 Hz. 100 Hz during dosage
Keyboard:	14 keys with buzzer
Tool voltage:	230 Vac ±10% - 50/60 Hz absorbed power 7 VA (115 Vac on demand)
Temperature range:	-10 / +50°C
Storage temperature:	-20 ÷ +70°C
Logic output:	6 relays (NA) MAX 115 Vac /30 Vdc 0.5 A cad.
Logic input:	8 optoisolated 12 / 24 Vcc PNP
Serial door:	COM1: RS232 half duplex COM2: RS422/RS485 half duplex
Transmission distance:	15m (RS232C), 1000m (RS422 and RS485)
FIELDBUS protocol:	ASCII, Modbus RTU
Baud rate:	1200 ÷ 115200 adjustable
Regulatory compliance:	EN45501 for Metrological Norms EN50081-1 and EN50082-2 EMC EN61010-1 for Electrical Safety
Electrical connection:	Screw terminals 5 mm
Optional dosage software:	until 12 components with external module 8 relays with aggregation of component values ??and recipe. Management and inventory control Max 50 programmable recipes
Fiscal optional memory:	> 160.000 weighed
Analog optional 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
Optional fieldbus avaiable:	Profibus DP, DeviceNet and ETHERNET TCP-IP external mounting on DIN guide
Power supply:	12 to 24 VDC -10% to +15%, 15 VA

Pavone Sistemi S.r.l. via Dei Chiosi, 18 - 20873 Cavenago Brianza (MB) Italy -Tel. 02 95339165 - Fax 02 9501252 - pavone@pavonesistemi.it - www.pavonesistemi.it