

General information

PWS6520220127

The MC 102 weight indicator is small, easy to assemble and programmable from the keyboard. It has removable screw terminal blocks and it guarantees high accuracy at a very low cost. The weight indicator MC 102 is designed for load cells, tanks, hoppers, silos and platforms. The MC102 product allows you to manage both automatic weighing sequences with threshold control and single-component batching processes in loading and / or unloading.



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

PAVONE SISTEMI S.R.L.

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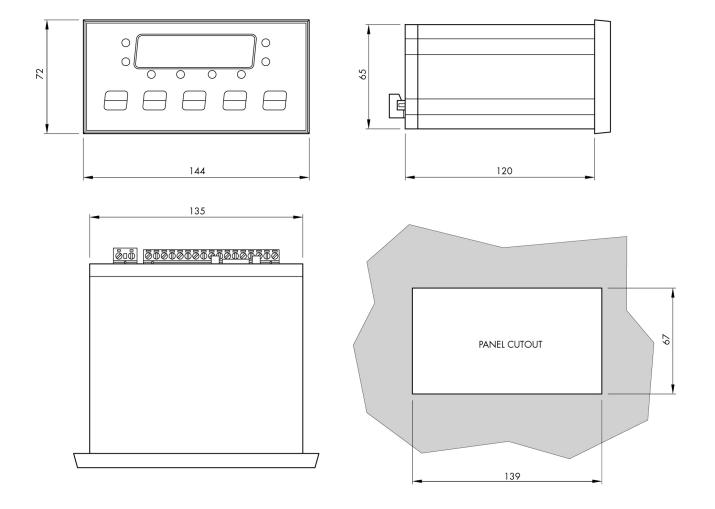


Technical specifications

Neasuring range:3.9 ± × 3.9 m/VInput sensitivity:0.02 µ/countFul scale non-Linearity:< 0.01%Gain drift:< 0.0003 pS PCA/D Converter:0.4 bitInternal Resolution:> 5.0 ± 0.000 pointsTasdacer input voltage:5.0 ± 0.200 pointsVisble resolution (in divisions):99999Beinein figures range:0.4 ± 0.000 pointsTange temperature:0.2 ± 0.4 ± 0.000 pointsStorage temperature:0.2 ± 0.4 ± 0.000 pointsTange temperature:0.4 ± 0.000 pointsStorage temperature:0.2 ± 0.4 ± 0.000 pointsTaige temperature:0.2 ± 0.4 ± 0.000 pointsStorage temperature:0.2 ± 0.4 ± 0.000 pointsLing input:0.2 ± 0.000 pointsLing input:0.0100 pointsStorage temperature:0.0100 pointsLing input:0.0100 pointsLing input:0.0100 pointsStorage temperature:0.0100 pointsStorage temperature:0.0100 pointsStorage temperature:0.01000 pointsStorage temperature:0.01000 pointsStorage temperature:0.010000 pointsStorage temperature:0.010000000000000000000000000000000000		
Full scale non-Linearity:< 0.01%	Measuring range:	-3.9 ÷ +3.9 mV/V
Search< 0.0003% FS/°C	Input sensitivity:	0.02 µV/count
AD Converter:24 bitAD Converter:24 bitInternal Resolution:> 16.000.00 pointsTrasducer input voltage:5 Vd 120 mA (max 8 cells - 350 Ohm)Yisible resolution (in divisions):999999Decimal figures range:0 + 4Temperature range:10 ± +50 °CStorage temperature:-20 ± 70°CFilter:0.2 ± 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optioslated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexPoilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ± 115200 (adjustable)Transmission distance:15m (RS232), 1000m (RS422; RS485)Horice:15m (RS232), 1000m (RS422; RS485)	Full scale non-Linearity:	< 0.01%
Internal Resolution:> 16.000.000 pointsTrasducer input voltage:> 5 Vdc 120 mA (max 8 cells - 350 Ohm)Visible resolution (in divisions):999999Decimal figures range:0 + 4Chemperature range:10 + +50 °CStorage temperature:-20 + +70°CFilter:0.2 + 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:193 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBauf rate:00 + 115200 (adjustable)Transmission distance:15m (RS322C), 1000m (RS422; RS485)	Gain drift:	< 0.0003% FS/°C
Trasducer input voltage:5 Vdc 120 mA (max 8 cells - 350 Ohm)Visible resolution (in divisions):999999Decimal figures range:0 ÷ 4Temperature range:-10 ÷ +50 °CStorage temperature:-20 ÷ + 70 °CFilter:0.2 ÷ 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:139 × 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Filedbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:00 ÷ 115200 (adjustable)Transmission distance:Cass I	A/D Converter:	24 bit
Visible resolution (in divisions):999999Decimal figures range:0÷4Temperature range:-10÷+50 °CStorage temperature:-20÷+70 °CFilter:0.2÷25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:199 × 67 nm (W x H)Dimensions:144 x 72 x 120 nm (W x H x D)Fieldbus:ASCII, Modus, Printers Custom P190 oF T190, EPSONBaud rate:000 ÷ 115200 (adjustable)Isonamission distance:15m (RS232C), 1000m (RS422; RS485)	Internal Resolution:	> 16.000.000 points
Decinal figures range:0 ÷ 4Temperature range:-10 ÷ +50 °CStorage temperature:-20 ÷ 770°CFilter:0.2 ÷ 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS23 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:139 x 67 nm (W x H)Dimensions:144 x 72 x 120 nm (W x H x D)Fieldbus:300 ÷ 115200 (adjustable)Baud rate:300 ÷ 115200 (adjustable)Isolatorie:15m (RS23C), 1000m (RS422; RS485)	Trasducer input voltage:	5 Vdc 120 mA (max 8 cells - 350 Ohm)
Temperature range:-10 ÷ +50 °CStorage temperature:-20 ÷ +70°CFilter:0.2 ÷ 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:IN61000-6-3, EN1000-6-2, EN61010-1Dimensions:144 x 72 x 120 mm (W x H)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:30 ÷ 115200 (adjustable)Isolation:Ism (RS232), 1000m (RS422; RS485)	Visible resolution (in divisions):	999999
Storage temperature:-20 ÷ +70°CFilter:0.2 ÷ 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaur rate:300 ÷ 115200 (adjustable)Isolation:Lism (RS232C), 1000m (RS422; RS485)	Decimal figures range:	0÷4
Filter:0.2 ÷ 25 HzLogic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Isolation:Liss II	Temperature range:	-10 ÷ +50 °C
Logic output:4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A eachLogic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Transmission distance:15m (RS232C), 1000m (RS422; RS485)Isolation:Class I	Storage temperature:	-20 ÷ +70°C
Logic input:3 optoisolated 12 Vdc/24 Vdc PNPSerial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Isolation:Class II	Filter:	0.2 ÷ 25 Hz
Serial port:COM1: RS232 half duplex COM2: RS422/RS485 half duplexRegulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Transmission distance:15m (RS232C), 1000m (RS422; RS485)Isolation:Class II	Logic output:	4 relays (NA) Max. 115 Vac/30 Vdc 0.5 A each
Regulatory compliance:EN61000-6-3, EN1000-6-2, EN61010-1Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Transmission distance:15m (RS232C), 1000m (RS422; RS485)Isolation:Class II	Logic input:	3 optoisolated 12 Vdc/24 Vdc PNP
Drilling template:139 x 67 mm (W x H)Dimensions:144 x 72 x 120 mm (W x H x D)Fieldbus:ASCII, Modbus, Printers Custom P190 o FT190, EPSONBaud rate:300 ÷ 115200 (adjustable)Transmission distance:15m (RS232C), 1000m (RS422; RS485)Isolation:Class II	Serial port:	COM1: RS232 half duplex COM2: RS422/RS485 half duplex
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Baud rate: 300 ÷ 115200 (adjustable) Transmission distance: 15m (RS232C), 1000m (RS422; RS485) Isolation: Class II	Dimensions:	144 x 72 x 120 mm (W x H x D)
Transmission distance: 15m (RS232C), 1000m (RS422; RS485) Isolation: Class II	Fieldbus:	ASCII, Modbus, Printers Custom P190 o FT190, EPSON
Isolation: Class II	Baud rate:	300 ÷ 115200 (adjustable)
	Transmission distance:	15m (RS232C), 1000m (RS422; RS485)
Power consumption: 230 Vac ±10% - 50/60 Hz absorbed power 7 W (115 Vac on demand)	Isolation:	Class II
	Power consumption:	230 Vac ±10% - 50/60 Hz absorbed power 7 W (115 Vac on demand)

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