

## General information

PWS22420220331

MC 302 Profinet is a weight indicator able to meet various needs in the weighing field, from the management of level thresholds to 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. This weight indicator has the function of uploading and downloading for programming via TESTER 1008. The weight indicator MC 302 Profinet can be customized according to customer needs.

Profinet GSD file: [mc\\_302\\_profinet\\_gsd.zip](#)User Manual: [mc-302\\_user\\_manual.pdf](#)Installation Manual: [mc-302\\_installation\\_manual.pdf](#)

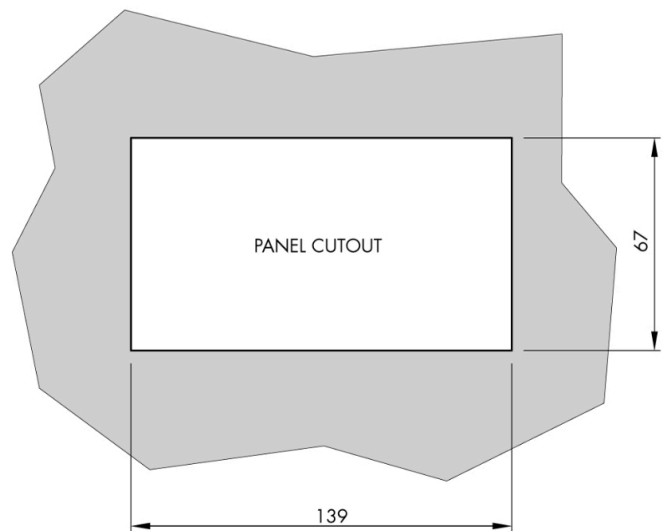
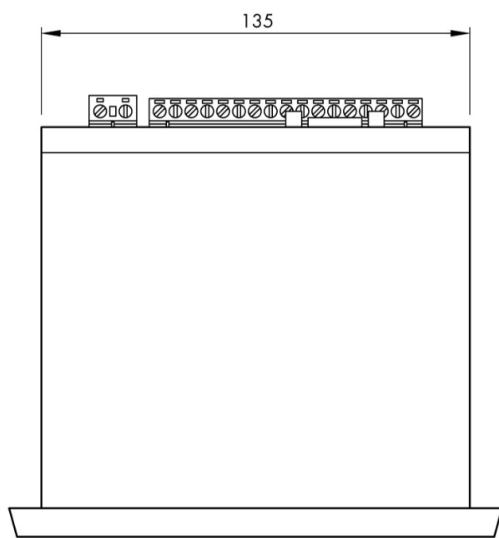
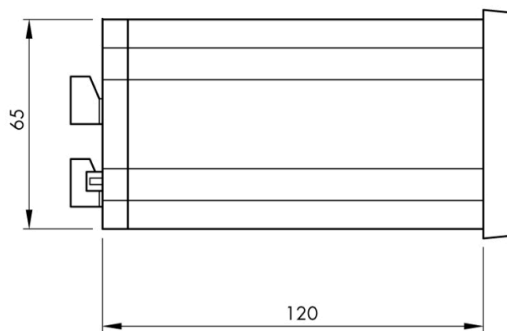
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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

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