

General information

PWS9920260218

The MC 352 product is a belt flow regulator able to integrate weight and speed variables, perform the flow regulator function set by means of the analog output PI and totalize the dosed weight with transmission of the same by impulsive output. You can view the status of the I / Os, the current weight, the instantaneous speed and the correction factor set and connect the weighing instrument to the PC / PLC using the communication protocol. The product can be customized according to customer needs.



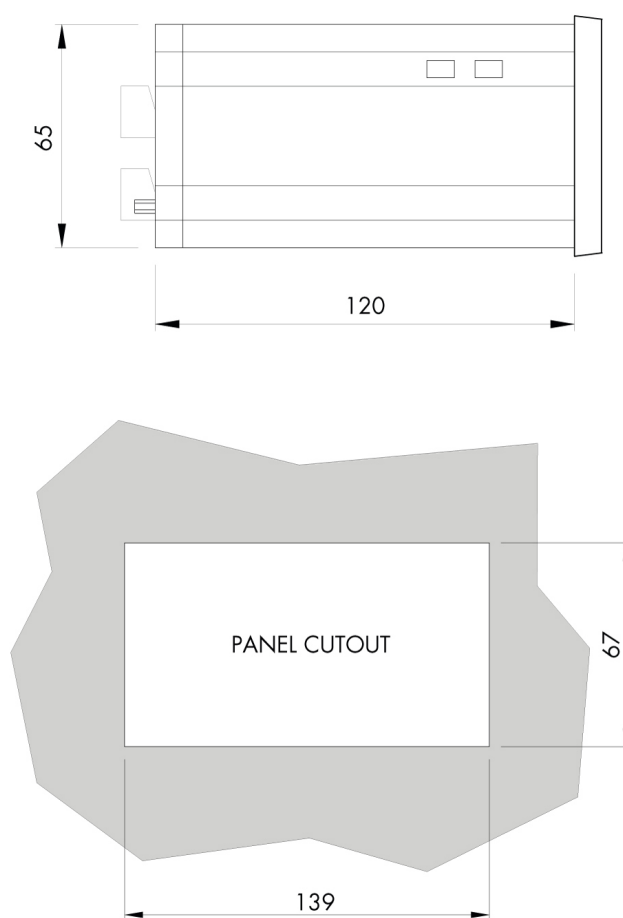
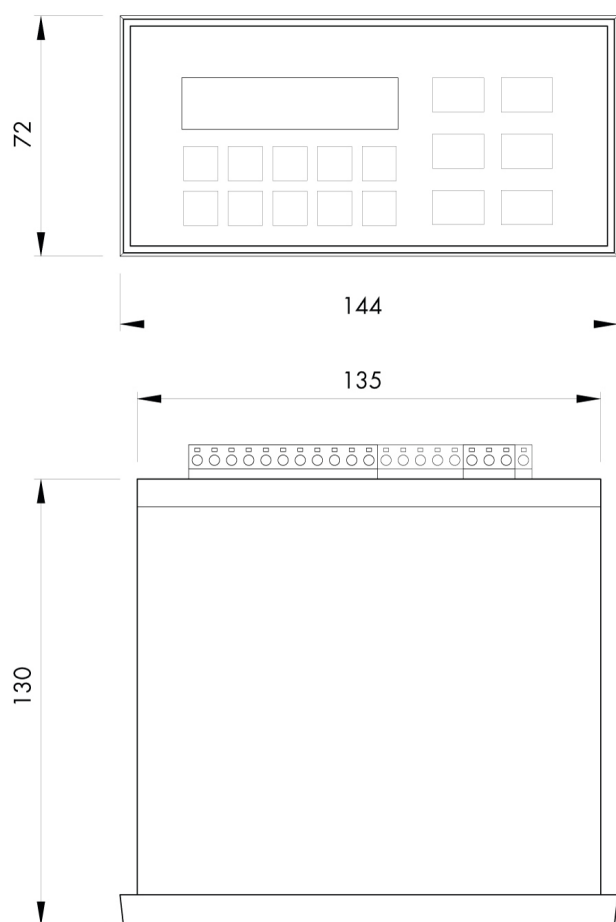
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

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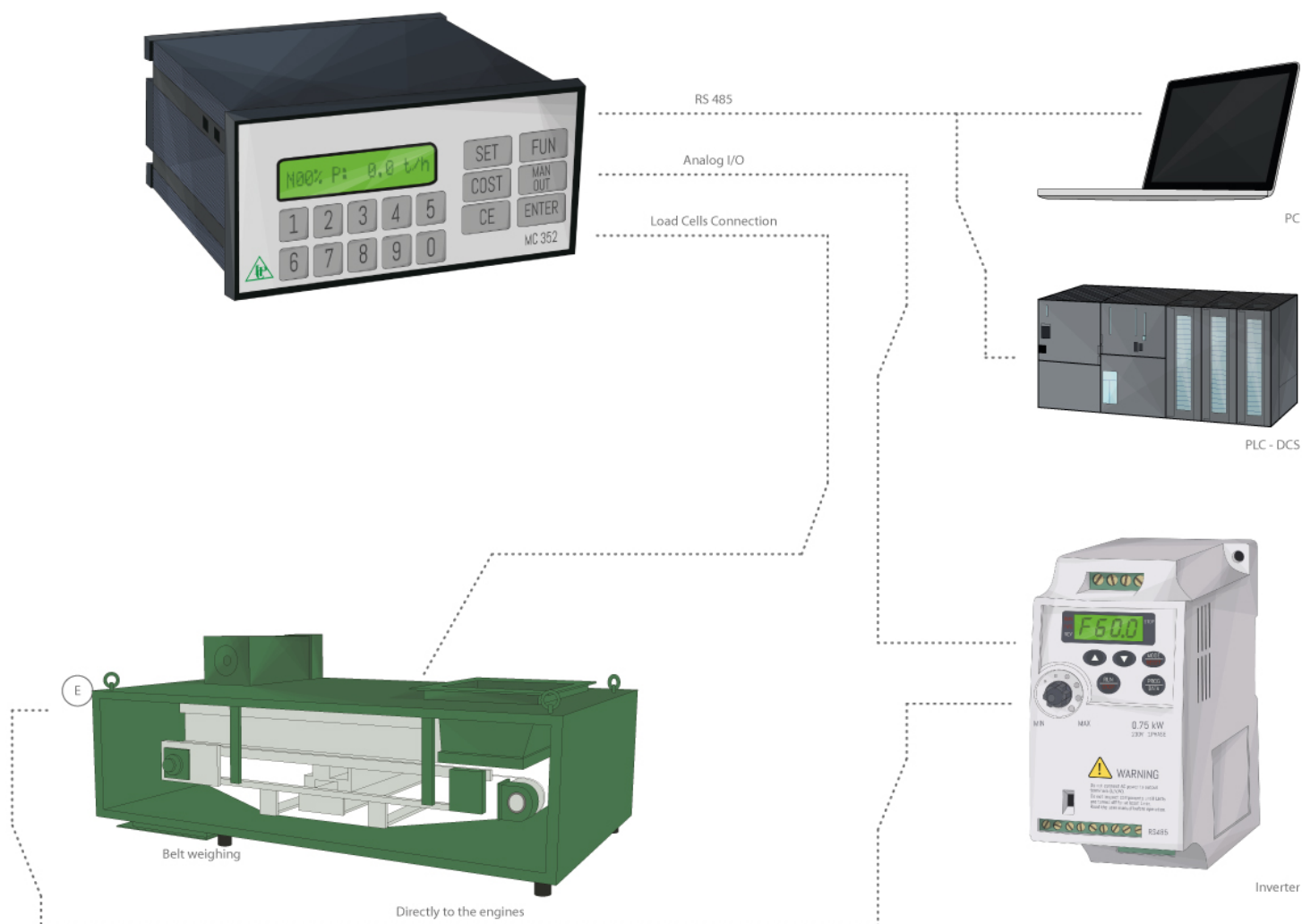
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|---|---|
| Measuring range: | -3.9 ÷ +3.9 mV/V |
| Input sensitivity: | 0.02 µV/count |
| Full scale non-Linearity: | <0.01 % |
| Gain drift: | <0.001 % of full scale/°C |
| Display: | LCD alphanumeric backlit 16 x 2 scripts |
| A/D Converter: | 24 bit |
| Transducer input voltage: | 5 Vdc / 90 mA ; max 6 (350 Ohm) |
| Degree of protection: | IP54 |
| Visible resolution (in divisions): | > 60000 |
| Divisions value (adjustable): | x1, x2, x5, x10 |
| Temperature range: | -10 ÷ +50 °C (max 85% humidity without condensation) |
| Storage temperature: | -20 ÷ +70°C |
| Logic output: | 6 outputs (NA) MAX 115 Vac /30 Vdc 0.5 A cad. |
| Logic inputs: | 8 optoisolated 12 / 24 Vcc PNP |
| Serial port: | COM1: RS232 half duplex; COM2: RS422/RS485 half duplex |
| Analog optional output: | 0 ÷ 10 V, 0 ÷ 5 V, 0 ÷ 20 mA, 16 bit; R (V)>10 K Ohm; (I)<300 Ohm |
| Power supply: | 230 (115) Vac 50-60 Hz ; 15 VA |
| Regulatory compliance: | EN50081-1, EN50082-2 for EMC EN61010-1 and electrical security |
| Drilling template: | 139 x 67 mm (L x H) |
| Dimensions: | 144 x 72 x 120 mm (L x H x D) |
| Fieldbus: | Modbus RTU, Profibus DP external mounting on DIN guide |
| Baud rate: | 9600 RS232 - 38400 RS485 |
| Transmission distance: | 15m (RS232C), 1000m (RS422; RS485) |

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Microcontroller for Screw Conveyors **MC 352**



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