General information

PWS7420261115

The MC 355 touch weight transmitter works both as a weight indicator and as a multi-component batch batcher. It is able to manage two measuring channels with simultaneous acquisition, or alternatively, at reduced frequency and to display, during operation, the main status parameters. In addition, the MC 355 weight indicator has several options including the availability of various serial and analog outputs, as well as logic inputs and outputs and the possibility of interfacing with PC / PLC.



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

Technical specifications

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Measuring range:	7,8 mV/V bipolar
Input sensitivity:	0.02 µV/count
Full scale non-Linearity:	< 0.01%
Gain drift:	< 0.0003% FS/°C
Display:	LCD 5.2” (visible area 118mm x 58mm) (l x h)
A/D Converter:	24 bit
Internal Resolution:	16.777.216 punti
Trasducer input voltage:	5 Vdc / 120 mA (max 8 cells - 350 Ohm)
Frequency signal acquisition:	12,5 ÷ 250 Hz
Degree of protection:	IP65
Visible resolution (in divisions):	> 60000
Divisions value (adjustable):	0.001 ÷ 50
Temperature range:	-10 ÷ +50°C
Storage temperature:	-20 ÷ +60°C
Filter:	0.2 ÷ 50 Hz
Logic output:	6 optoisolated (clean contact) max 30 Vcc/60 mA cad
Logic inputs:	6 optoisolated 24 Vcc PNP (external excitation)
Additional I/O:	4 external modules 4 In/8 Out
Serial port:	RS232, RS422, RS485
Power supply:	24 Vdc ±15% 10 W
Regulatory compliance:	EN61000-6-2, EN61000-6-3, EN61010-1
Fieldbus:	Profibus DP-V1, baud rate da 9,6 K/sec a 12 Mbit/sec Ethernet TCP/IP, UDP, ARP, ICMP, Modbus/TCP
Baud rate:	1200 ÷ 115200 adjustable
Transmission distance:	15m (RS232C), 1000m (RS422; RS485)

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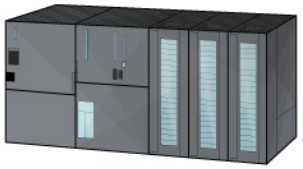
RS 485

Analog I/O

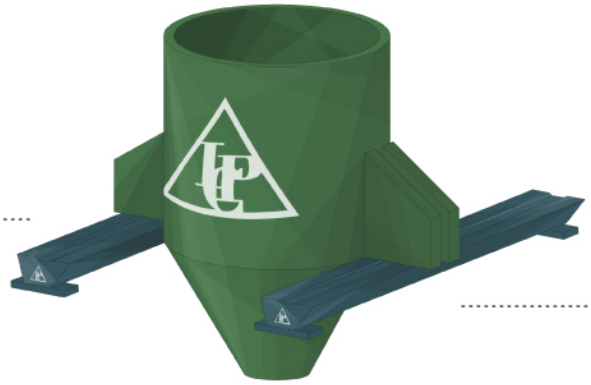
Load Cells Connection



PC



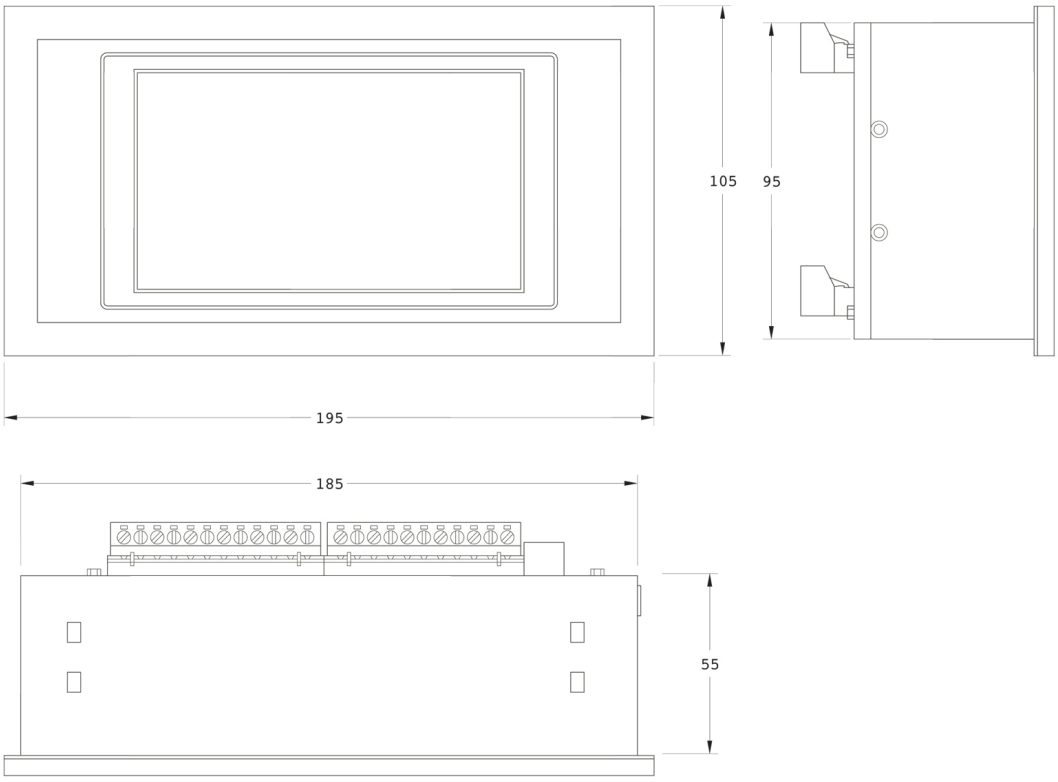
PLC - DCS





Inverter

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