

DYNAMIC WEIGHING

Microcontroller for loss in weight app

MC 382



DIN standard instrument, IP54 -panel mount-

It integrates variables of weight and speed, performs the function of controller of the set flow rate by PI of the analog output

Totalization of the measured weight with its transmission using pulse output

It can be used as SLAVE dispenser

Connection with PC / PLC via communication protocol, ModBus-RTU or PROFIBUS-DP (optional)

Possibility of displaying the status of I/O, the current weight, the instantaneous velocity and the correction factor set

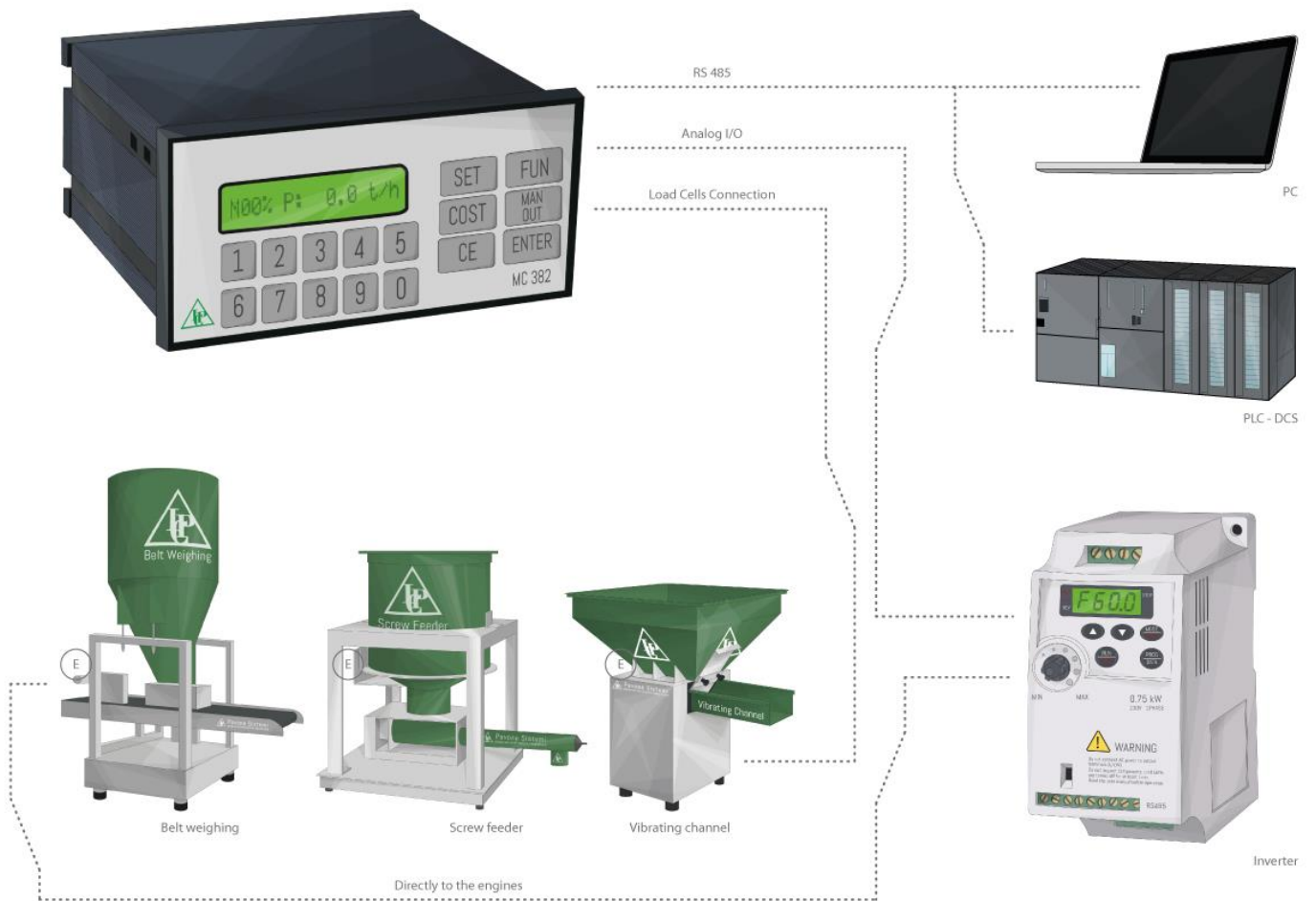
TECHNICAL CHARACTERISTICS MC 382

Transducer input voltage:	5 Vcc / 90 mA ; max 6 (350 Ohms)
Measuring range:	-3.9 ÷ +3.9 mV/V
Input sensitivity:	<0.2 µV/ per counts
Linearity:	<0.01% of full scale
Gain drift:	<0.001% full scale/ °C
Display:	LCD alphanumeric backlit 16 x 2 scripts
A/D Converter:	24 bit
Visible resolution:	60.000 divisions displayable on net weight
Divisions value (adjustable):	x1, x2, x5, x10
Tool voltage:	230 (115) Vca 50-60 Hz ; 15 VA
Temperature range:	-10/+50 °C
Storage temperature:	-20 ÷ +70°C
Logic output:	relays (NA) MAX 115 Vca /30 Vdc 0.5 A cad.
Logic input:	8 optoisolated 12 / 24 Vcc PNP
Analog output:	0÷10 V, 0÷5 V, 0÷20 mA, 16 bit; R (V)>10 K Ohms , (I)<300 Ohms
Serial door:	COM1: RS232 half duplex; COM2: RS422/RS485 half-duplex
Transmission distance:	15m (RS232C), 1000m (RS422 and RS485)
Protocol:	Modbus RTU
Baud rate:	9600 RS232 - 38400 RS485
Regulatory compliance:	EN50081-1 e EN50082-2 for EMC EN61010-1 for electrical security
Dimensions:	144 x 72 x 120 mm (L x H x D)
Drilling template:	139 x 67 mm (L x H)
Degree of protection:	IP54
Electrical connection:	Terminal screw pass 5.08 mm
FIELDBUS optional:	Profibus DP external mounting on DIN guide

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