Master WE503
Multi-Functional Weighing and Filling Programs

Specifications

Power:
110 to 240 VAC and 12/24 VDC

Excitation Voltage:
5 VDC, 16 analog 350 Ohm load cells

Analog Signal Input Range:
10 mV

Analog Signal Sensitivity:
0,3 µV/e

Resolution:
3.000.000 d

Measurement Rate:
Up to 3200 updates/second

Circuit Protection:
EN 45501 and EN 61000-6-2

Load Cell Connection:
Four or six wires

Internal Data Archive:
Alibi memory

Display:
Graphic LCD display

Keyboard:
Programmable function keys

Digital I/O:
2 inputs and 4 outputs

Interfaces:
2 x RS232, 1 x RS232/RS485,

Optional:
Fieldbus, Ethernet, Bluetooth® , Analog Input, Analog Output
Additional digital IO, 6 inputs and 12 outputs
USB stick for data storage 5.000.000

Material:
Stainless steel

Rating:
IP68

Dimensions:
243 x 265 x 145 mm

Operating Temperature:
-10° C to 40° C

Warranty:
One-year limited warranty

Approvals:
OIML R76 / MID R51,
10000e or multirange 3 x 3.000e (**)
Single, multi-range or multi-interval

Standard Features/Applications

- Industrial design with modular hardware ideal choice for:
    - Belt scales
    - Weigh belt feeders
    - Screw weigh systems
    - Bulkslide flowmeters
    - Impact flowmeters
    - Loss-in-Weight feeders
    - Shipping and receiving
    - Filling of liquid and solid material
    - Checkweighers
    - Dynamic weighing and batching systems
    - Vehicle weighing
    - Mobile data capture systems

Approvals

CE

OIML

Part Number/Price

Part #	Description	Price
Wall Mount, Table Top and Panel Mount		
185147	WE503	Consult

Options/Accessories

Part #	Description	Price
185254	Analog output 0/4-20 mA, 0-10 VDC	Consult
Consult	Analog input	Consult
Consult	Profibus	Consult
Consult	Profinet	Consult
Consult	Ethernet/IP	Consult
Consult	EtherCAT	Consult
Consult	CANOpen	Consult
Consult	DeviceNET	Consult
Consult	Modbus TCP	Consult
193815	Expansion board (required for analog output option)	Consult