MIKROTEK 2012

Weight indicator

- **Weight indicator with 4 set points that can activate built in relays**
- **Up to 8 load cells can be connected**
- **Operates as stand-alone unit or connected to PC/PLC**
- **Up to 999999 divisions**
- **Easy to read LCD- display with 6 keys**
- **IP68 Stainless steel**
- **4-20 mA analog output**
- **CE OIML R61 & R76 approved**
- **External tare can be connected**
- **Theoretical calibration with linearization - up to 5 points**

MK-2012 weight indicator in stainless steel with IP68 protection rating.

MIKROTEK 2012 can be placed directly at the weighing point and act as a stand-alone unit; but the unit can also be connected to e.g. a PLC as part of an overall production system.

The indicator's functions can easily be read in a LCD display with 6 large digits. The display can be setup to show gross weight, net weight, totalized weight, peak hold - or be used for item count. Weighing units can be selected as gram, kilogram, ton or pound.

A small symbol indicates, which function is activated, including unstable weight.

The electronics is with a protection rating of IP68 well protected against water and dust and is therefore well suited for use in a moist or dust filled production environment.
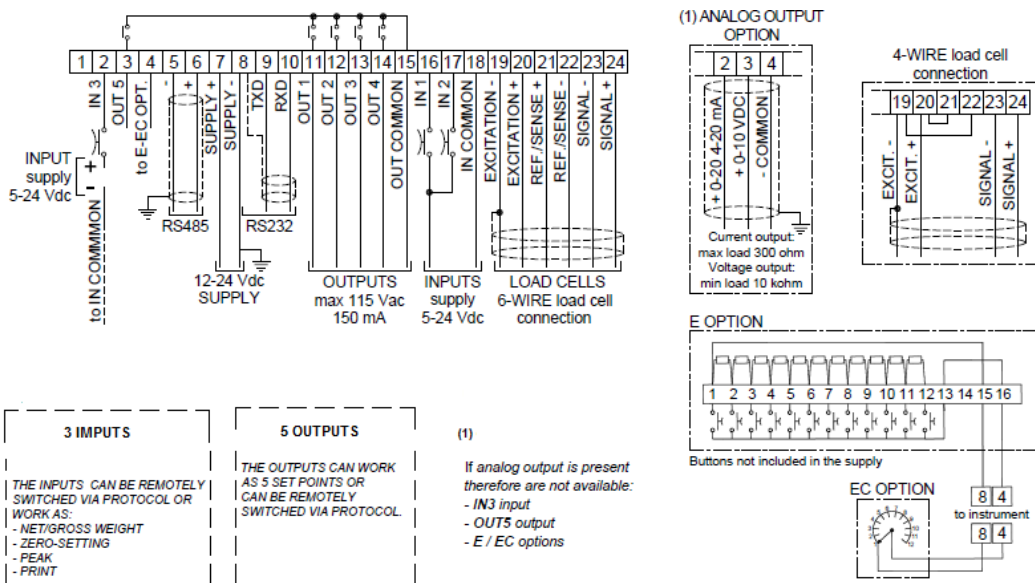
Possible options:

- ATEX Compliance
- Recipe controlled emptying or filling of container
- Recipe controlled dosing of up to 1, 3, 6 or 14 products

Specifications

Divisions	999999 (display),
Display	LCD, 6 digits (height =20 mm), 46 alarm symbols
Max conversions per sec	300 conversions per. second
Number of load cells	Max. 8 load cells in parallel
Load cell cable	4 or 6 wires - please see drawing below
Serial ports	RS232/RS485
Analog output	16 Bit analog output interface (4-20mA /0-10V)
Relay outputs	4 pcs. NC/NO
Protection rating	IP68
Temperature area	Storage temperature: -30 ºC - +80 ºC Working temperature: -20 ºC - +60 ºC Working temperature: -10 ºC - +40 ºC (CE-M approved)
Power supply	12-24 VDC ± 10%
Dimensions	206 x 286 x 79 мм (with mount 206 x 209 x 197 mm)

Options when ordering:

- Atex EX II 36 d Zone 2-22
- External large LED display
- Networking
  - Profinet IO
  - Ethernet/IP
  - Modbus/TCP
  - Ethernet TCP/IP (connectable to your Smartphone, tablet etc via web)
  - Others (Profibus DP, DeviceNet, CANopen)

Further options include versions for dosing from or to containers with up to 99 recipes for dosing of up to 1, 3, 6 or 14 different products. Contact TEKFA for more info.

EXTRACTABLE TERMINAL BOARDS