LOGIC 100/200 indicators

LOGIC 200

LOGIC 100

Description

The LOGIC 100/200 indicator is designed for applications using scales, platforms and weighing hoppers.
It meets industrial weighing requirements: ticket printing, computer link, PLC link via input board On/Off output and analogue output/DSD (Data Save Device integrated).

Operator interface:

➤ Red LED 6-digit display, height 20 mm

➤ Two keypad configurations:
- LOGIC 100 => 6-key keypad
- LOGIC 200 => Keypad with 20 numeric keys and dedicated function keys

DSD memory capacity: 14,000 records

Basic communication ports:

2 serial link communication ports: 1 RS232 and 1 RS485

Mounting: On table, integrated in cabinet (only ABS version), wall- or column-fixing.

The LOGIC 100/200 is available in ABS (IP54) and Stainless steel (IP65) versions
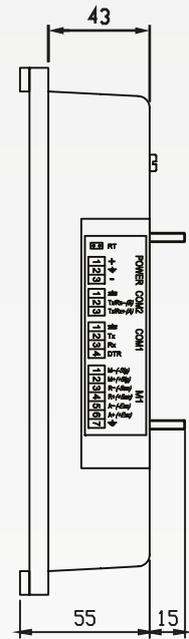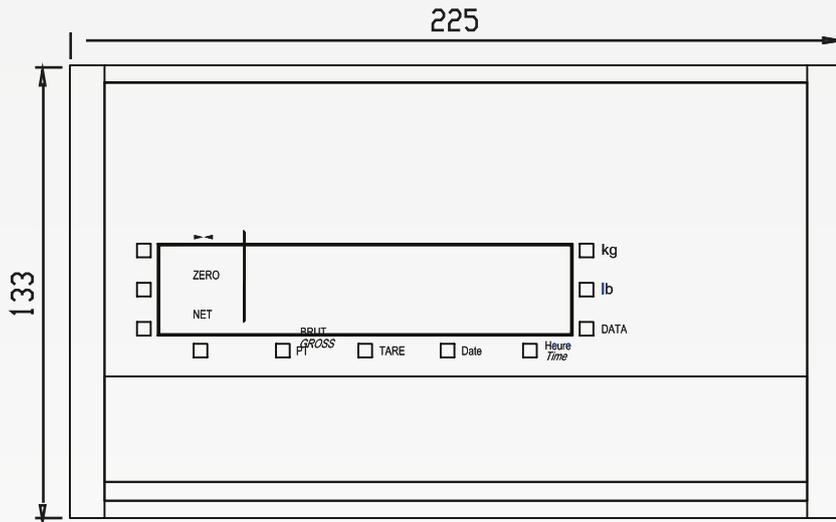
Characteristics

GENERAL CHARACTERISTICS	
Power supply	Mains power pack 220 V_{AC} /12 V_{DC} (ABS) / Mains power supply 230 V(-15/+10%) integrated (stainl. steel)
Option	12 V_{DC} (-12%/ +120 %) or 24 V_{DC} (-45%/ +10 %)
Consumption	100 mA to 300 mA maximum at 12 V_{DC}, according to configuration
EMC (Electromagnetic Compatibility)	In accordance with standard EN 45 501
Analogue load cell power supply	5 V AC signal
Min. load impedance	58 Ω i.e. 6 load cells of 350 Ω
Operating temperature	-10 °C/+ 40 °C
Storage temperature	-20 °/+60 °C
Weight of indicator (kg)	0.75 kg (ABS)/ 1.8 kg (Stainless steel)
Packaging (cm)	33x13x25,4 (ABS and Stainless steel)
Weight of package (kg)	1.15 kg (ABS)/2.2 kg (SS)

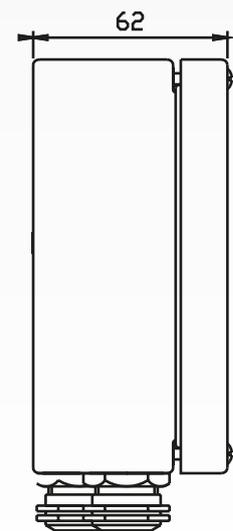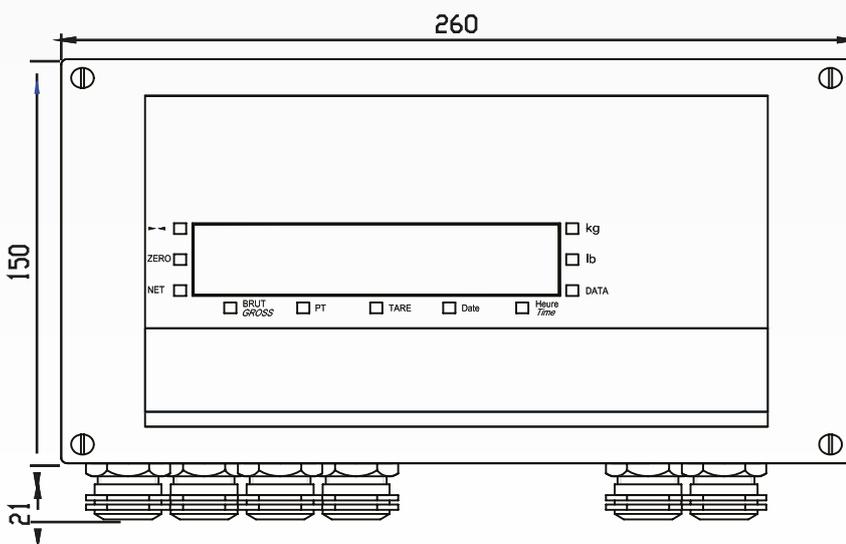| METROLOGICAL CHARACTERISTICS according to Standard EN 45 501		
Maximum weighing accuracy	5,000 scale divisions	
Internal resolution	1/10th scale division	
Divisions/class III Minimum recommended scale division voltage value	1µV	
Measurement rate	10-90 measurements per second	

LOGIC 100/200 ABS

Bottom view

LOGIC 100/200 STAINLESS STEEL

View of left side

Dimensions in mm

➤ This indicator range features software applications dedicated to the various weighing processes (see program sheets)

➤ Red LED display

➤ Can be built in industrial cabinet (ABS version)

➤ 2 RS communication ports

Options

I/O option boards*
- 4I/4O
- 4I/4O and 0/10V or 4/20 mA

*The integration of options is dependent upon the indicator program and they may not all be able to be installed at the same time (see program sheet)

Accessories

Table support
for LOGIC ABS

Table support for
STAINLESS STEEL LOGIC

Wall fixing
stainless steel

Fixing for
flush mounting in
cabinet front panel
(ABS only)

stainless steel
column support
(1m with bracket)

Our product factsheets
are available for download
at our website
www.masterk.com

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