Datasheet

- Measuring display for up to 3 axes (configurable)
- Digital and analogue inputs
- Incremental measuring system inputs
- USB and RS232 interface
- Hardware can be customized to requirements on request (e.g. SSI interface for absolute measuring systems, RS485, CanOpen or Profibus DP interface)
- Many functions are already integrated as parameters
- Simple operation through symbols and plain text in the display
- Free configuration of the user interface via tablet with Android™ operating system
- Design can be configured for individual applications through numerous setting options
- Simple update of the software or management and saving of parameters via USB stick or terminal with Android™ operating system
- Connection of barcode scanner and printer via serial interface

Mechanical data

Display	4,3" TFT full-colour display Widescreen 16:10
Interface	RS232; RS485; USB Barcode scanner via USB (optional)
Operating temperature	0 to 50 °C
Storage temperature	-20 to +65 °C
Humidity	max. 90 %
Protection rating	IP54 (front side) bis IP65 (in mounting housing)
Dimensions (W x H x D)	140 x 103 x 60 mm (Installation depth incl. plug)

Electrical data

Power supply	24 VDC
Input signals Input voltage	6x digital inputs; 2x analogue (12Bit) integrated sigma-delta converter for 1x DMS or 1x PT100/1000 (24Bit) (optional) 0 – 5 V active low 10 – 30 V active high
Measuring system Supply voltage Measuring system 1 and 2 Measuring system 3	3x incremental measuring systems 5 V or 24 V at 24 V BDD power supply Max. counting frequency: 1MHz Signals: A; $\overline{A}$; B; $\overline{B}$; Z; $\overline{Z}$; resp. A; B; Z Max. counting frequency: 40kHz Signals: A; $\overline{A}$; B; $\overline{B}$; Z; $\overline{Z}$; resp. A; B; Z
Output signals	4x digital outputs 24 V, 600 mA

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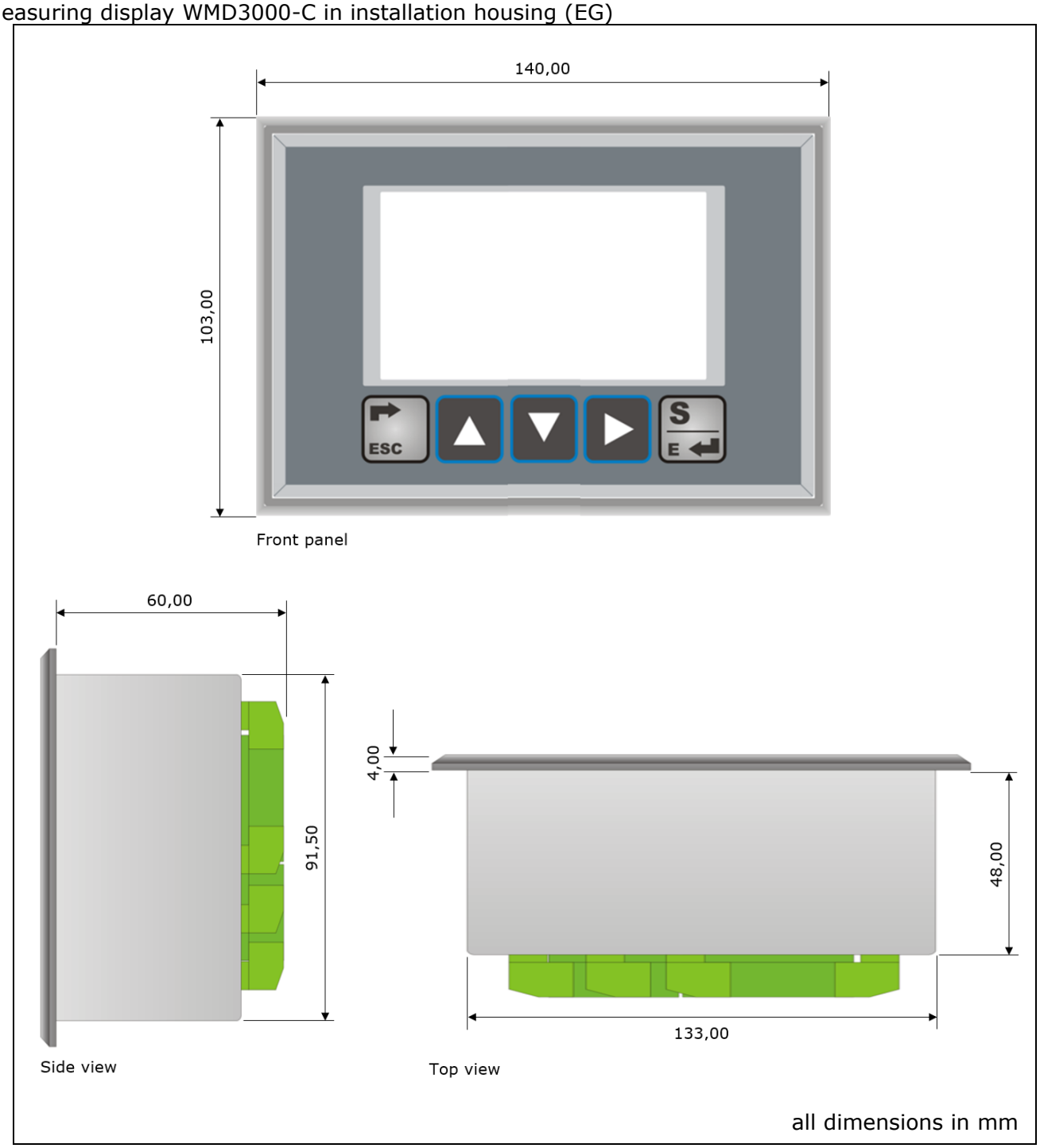
Dimensions

Measuring display WMD3000-C in installation housing (EG)



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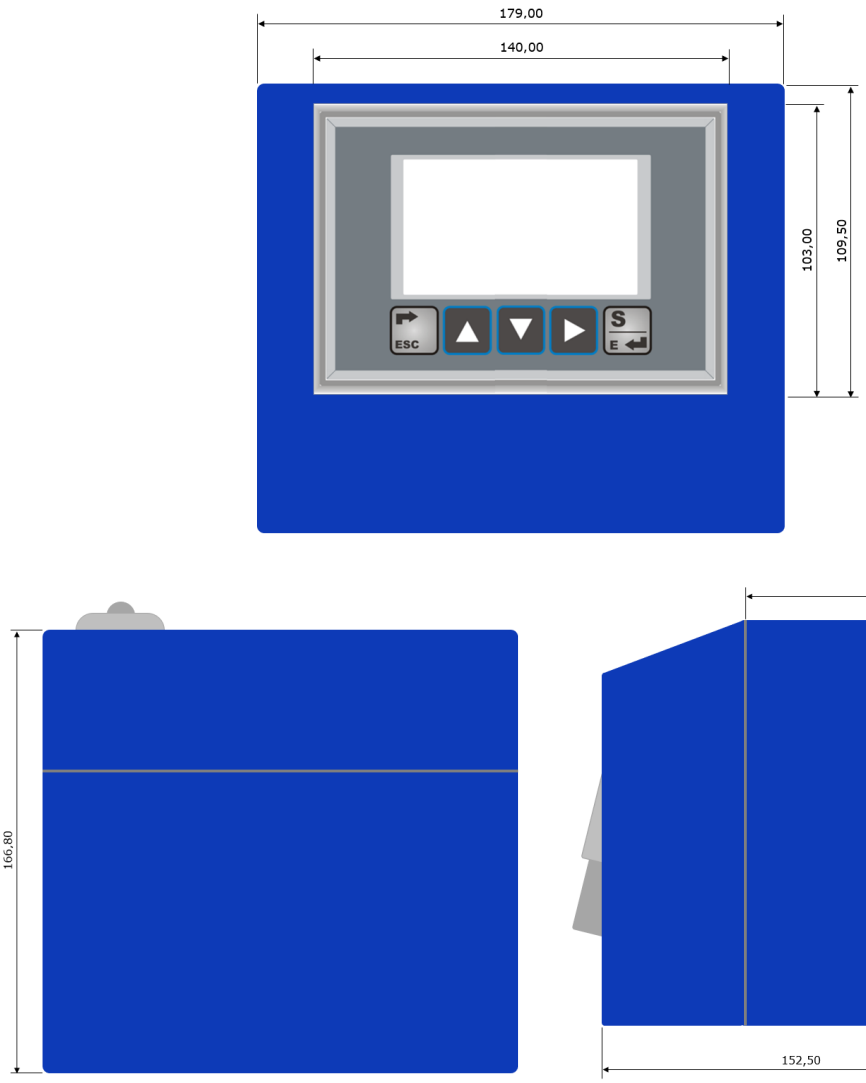
Dimensions

Measuring display WMD3000-C in mounting housing (AG)



all dimensions in mm

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Datasheet

Ordering example

Type	WMD3000-C	-	24	-	I	-	RS	-	EG

Power supply
24 = 24 VDC

Output signal
I = incremental/ TTL

Interface [1)]
RS = RS232, RS485; Barcode scanner via USB (standard)
RS/Pt = RS232, RS485; Barcode scanner via USB/ Pt 1000 input (optional)

Housing
EG = Installation housing
AG = Mounting housing

1) other interfaces on request

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