CLOSING FORCE MEASURING DEVICE FM100-BT FOR DOORS AND GATES

FM100BT-SY-500-2000



- **Easy to use – implements experience from years of use**
- **Extensive customer service - in-house calibration service and software**
- **updates ensure the use of current guidelines**
- **Immediate evaluation - according to selected guidelines and standards**
- **Process reliability - integrated test instructions ensure that the**
- **measurement is in line with the guidelines**

The closing force measuring device is a wireless, electronic measuring device for externally powered doors and gates. Typical use is the final inspection of new systems as well as regular inspections.
A further development of the well-established FM 100 closing force measuring device is supplied with the closing force measuring device. It combines the well-known robust construction for years of use in harsh environments and lasting precision with the flexibility of a wireless application and a user-friendly app.

This results in many advantages for you in daily use, such as automatic measuring point identification via QR and barcodes, the immediate availability of the measured values and the direct creation of a PDF report.

Specification

Force	
Measuring range	0 ... 2000 N
Resolution	1 N
Accuracy	±3 N or 3 % of Rd

General technical data	
Interface	Micro-USB, Bluetooth
Standard(s)	EN 14752:2015
Standard(s) additional information	- EN 81-1 2000-4-EG - FMVSS118 - APTA PR-M-S-18-10 - ASME A17.1 2000 - DIN EN 14752:2005 - 2001-85-EG / ECE R. 107 §35 e (5) StVZO (German Road Traffic Licensing Regulations) - EN14120 DIN 18650-1 - DIN EN 12453 - DIN EN 16005 - DIN EN 60335-2-103 - ASR A1.7 - ECE R-21 - prEN 12650-1
Stiffness	500 N/mm
Gap width	50 mm
Menu language	English, German
Protection class (device)	IP43
Power supply	3.7V / 700 mAh
Connector type	Euro plug
(Rechargeable) battery	1 x 3,7 V LP series , Lithium-ion polymer battery
Capacity	700 mAh
Performance	2,59 Wh
Operating conditions	-10 ... 50 °C , 0 ... 90 % RH
Storage conditions	-40 ... 50 °C , 0 ... 90 % RH
Dimensions (L x W x H x ø)	210 x 80 x 50 x 80 mm
Weight	2100 g

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