CLOSING FORCE TRANSDUCER BIA-1 BT FOR BUS AND TRAIN DOORS AND SLIDING STEPS

BIA1BT-SY-10-310



- **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**

The closing force transducer is a wireless, electronic closing force measuring device for rail vehicle and bus doors and sliding steps. A further development of the tried and tested Original BIA Class 1 measuring device is supplied with the closing force transducer. 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	25 ... 310 N
Resolution	1 N
Accuracy	±3 N or 3 % of Rd

General technical data	
Interface	Bluetooth
Stiffness	10 N/mm
Gap width	115 mm
Menu language	English, Spanish, German, French, Italian
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 ... 40 °C , 0 ... 90 % RH
Storage conditions	-40 ... 50 °C , 0 ... 90 % RH
Dimensions (L x W x H x ø)	230 x 130 x 115 x 100 mm
Weight	2100 g

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