

CLOSING FORCE MEASURING DEVICE FM300 FOR ELEVATOR DOORS

FM300-SY-25-750



- » **Support of relevant standards - EN 81-1, EN 81-2, EN 81-20:2014, EN 81-50:2015, EN 14120**
- » **Precise measurements**
- » **Robust design**
- » **Easy handling - operation with a single control button or remotely controlled**
- » **via Microsoft® DLL - interface or National Instruments® LabView library**
- » **Complete scope of delivery - including high-quality transport case and software**
- » **Professional, comprehensive PC software - PinchPilot**
- » **Comprehensive user support - calibration service, standard change service**
- » **ensures the**

The closing force measuring device is an electronic measuring device for elevator doors and protective devices on machines. Typical use is both the final acceptance of new systems and regular inspection. Its uncompromising design combines precision with practical robustness and ensures accurate measured values even after years of use in harsh environments.

In the case of cyclical measurements on objects with several elevators, a quick and easy implementation is of great importance. For this purpose, software was developed that drastically reduces the measurement process and the effort required for documentation. With just a few operating steps, the measurements of all elevator doors in a building can be taken over, printed out in tabular form and saved in a database.

We provide suitable interfaces (e.g. Microsoft® DLL or National Instruments® LabVIEW) for integration into an automated test procedure.

Specification

Force	
Measuring range	0 ... 750 N
Resolution	1 N
Accuracy	±3 N or 3 % of Rd

General technical data	
Interface	RS232
Stiffness	25 N/mm
Gap width	145 mm
Menu language	English, Spanish, German, French, Italian
Protection class (device)	IP43
Power supply	9V / 640 mAh
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Capacity	640 mAh
Performance	5,76 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)	290 x 140 x 60 x 58 mm
Weight	1700 g