FM200-SU-SY-10-200



- **Support of relevant standards – 2000/4 EG, US Standard FMVSS 118**
- **Precise measurements - due to friction-free guidance and platform load cell**
- **Robust design**
- **Ease of use – single button operation or remote 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**
- **application of the latest version of the standard**
- **Flexible adjustment - made possible by a variety of available force introductions:**
- **Customizations also available from DriveTest**

The force transducer is an electronic closing force measuring device for power-operated windows, sunroofs and tailgates in the motor vehicle sector. Typical areas of application are testing and production in the automotive industry. It is also increasingly being used by technical monitoring institutions. Its uncompromising design combines precision with practical robustness and ensures accurate measured values even after years of use in harsh environments.

When it comes to measuring setups in testing and production, quick and easy execution is of great importance. For this purpose, Drive Test has developed software that drastically reduces the measurement process and the effort required for documentation. With just a few operating steps, the measurements can be loaded into a PC, evaluated, exported and documented. We provide suitable interfaces (e.g. Microsoft® DLL or National Instruments® LabVIEW) for integration into an automated test procedure.

Specification

Force	
Measuring range	0 ... 200 N
Resolution	1 N
Accuracy	±3 N or 3 % v.Mw.

General technical data	
Stiffness	10 N/mm
Gap width	4 mm
Menu language	English (US), Spanish, German, French, Italian
Protection class (device)	IP43
Power supply	9V / 640 mAh
Battery/battery	1 x 9 V 9V Block , Alkali-Manganese
Battery 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)	240 x 85 x 60 mm
Weight	1300 g