

Force sensor CL 23 / CL 23M on brake pedal

- Ø For tests on brake pedal
- Ø Cooperates with roller brake tester
- Ø Cooperates with decelerometer
- Ø Insensitive against non-axial forces
- Ø Mounted on brake pedal
 - with magnetic clamp - Version CL 23M
 - with elastic band – Version CL 23
- Ø Complying with EMC
- Ø Three year warranty

CL 23



Purpose

The CL 23 and CL23M force sensors on brake pedal are measuring compression forces. The sensor is high accurate and insensitive against non-axial forces. It can cooperate with decelerometer and roller brake tester by car technical inspections or by quality check in motorcar factory.

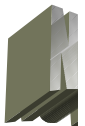
Sensor versions

The sensor is offered in two versions:

- Ø CL 23 – mounted on brake pedal with elastic band
- Ø CL 23M – mounted on brake pedal with magnetic clamp

Specifications

- Ø Output signal.....(mV/V) 1 - R1; 2 - R2
- Ø Accuracy class..... 0,1
- Ø Nominal supply voltage.....(V) 10
- Ø Strain gage resistance(Ω) 350
- Ø Input resistance(Ω) 730 ± 25
- Ø Output resistance(Ω) 730 ± 5
- Ø Drift error for nominal load.....(%/30 min.) ≤ 0,03
- Ø Operating temperature.....-10...+70°C
- Ø Maximal displacement.....(mm) 0,1
- Ø Connector.....OI – O-ring gland
- Ø Protection degree..... IP40, IP68
- Ø Material.....steel
- Ø Cable length.....0,5 m (standard) or other on request



CL 23M



Manufacturer:

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