

HFT Sensors

Type CHFTA...

Hand-lever Force Sensors

For measurement of force exerted on the hand-brake levers of motor bikes during brake tests.

- Compact and robust
- Easy, quick, and secure mounting
- Exact measurement independent of the angle of activation
- Overload protection

Description

Applicable for use with brake test stands and for normal driving. Hand-lever force measurements are independent of the angle of the activation force. The sensors put out an analog signal according to the hand-lever force. Type CHFTA... is suited for use with motor bikes. Easy mounting with rubber strap on the hand brake lever.

Application

For determination of the forces exerted on the hand brake lever during brake tests.

Technical Data

Performance Specifications

Measurement range	N	0 ... 500
Overload	N	600
Measurement accuracy	%FSO	±0,5
Output range	V	0 ... 5

System Specifications

Power supply	V	11 ... 25
Operating temperature range	°C	-10 ... 50
Degree of protection		IP65
Dimensions	mm	12x30x31



Mounting

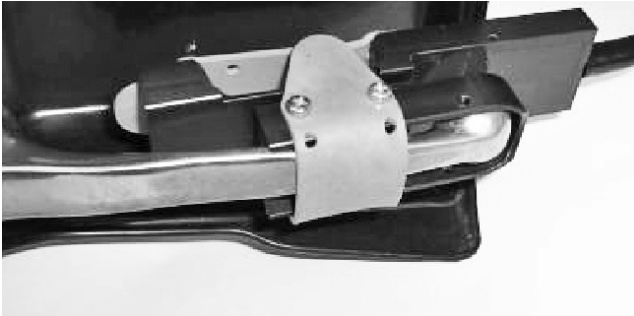
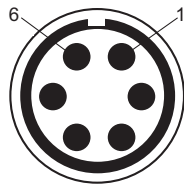


Fig. 1: Sensor Type CHFTA... mounted at the hand brake lever of a motorbike

Pin Assignments

6 pin LEMO Connector

Pin	Signal
1	n.c.
2	+12 V
3	GND
4	n.c.
5	Signal
6	GND



Type: 6 pin LEMO
View: Male insert
cable connector

Open End

Color	Signal
Brown	+12 V
Green	Signal
White	GND
Yellow	n.c.

Included Accessories

- Calibration
- Multimedia CD incl. software & manuals
- Rubber strap for mounting
- Transport case PFT/HFT, complete

Type/Art. No.

44000653
55082182
55064882
55123087

Optional Accessories

- Fastening belt for HFT sensors

Type/Art. No.

55065629

Ordering Key

Cable

Open-ended, l = 5 m	1
6 pin LEMO, l = 5 m	2
1x BCN/bunch, l = 5 m	3

Type CHFTA

Ordering Example

Type CHFTA1

Hand-lever force sensor with open-ended cable