

## PFT Sensors

Type CPFTB, CPFTC

### Pedal Force Sensors

For measurement of force exerted on the brake pedal and hand-brake levers of motor vehicles during brake tests.

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

#### Description

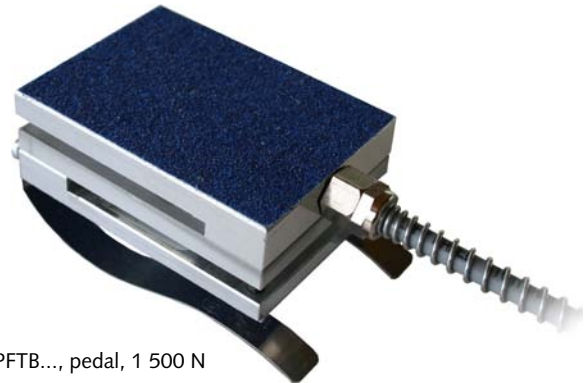
For use with brake test stands and for normal driving. Pedal force measurements are independent of the angle of the activation force. The sensors put out an analog signal according to the pedal force.

Type CPFTB... is suited for use with passenger cars or trucks. Mounting is effected quickly and easily using a special clamp, either on the brake pedal or the hand brake lever.

Type CPFTC... 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 brake pedal or hand brake lever during brake tests.



CPFTB..., pedal, 1 500 N



CPFTC..., hand lever, 500 N

#### Technical Data

Performance Specifications		CPFTB...	CPFTC...
Measurement range	N	0 ... 1 500	0 ... 500
Overload	N	1 800	600
Measurement accuracy	%FSO	±0,5	
Output range	V	0 ... 2 or 0 ... 5	

#### Interface Outputs

6 pin Lemo connector	V	0 ... 2 or 0 ... 5
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#### System Specifications

Power supply <sup>1)</sup>	V	11 ... 25	
Temperature range	°C	-10 ... 50	
Protection standard		IP65	
Dimensions			
Sensor (LxWxH)	mm	50x70x27	122x30x31
Display (LxWxH)	mm	110x204x41	

CPFTB\_000-978-10.12

This information corresponds to the current state of knowledge. Kistler reserves the right to make technical changes. Liability for consequential damage resulting from the use of Kistler products is excluded.

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## Mounting



Fig 1: Sensor type CPFTB... mounted at the brake pedal



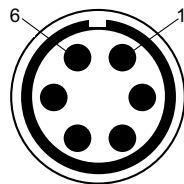
Fig 2: Sensor type CPFTB... mounted at the hand brake lever of a car



Fig 3: Sensor type CPFTC... mounted at the hand brake lever of a motorbike

## Pin Assignment

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



Type: Lemo 6 pin male

## Included Accessories

- Calibration
- Multimedia CD incl. software & manuals

## Type/Art. No.

KCD16927  
KCD11343

## Additional for CPFTB1 (Pedal)

- Charging device with power supply unit
- Plastic case
- Foam case inlay

## Type/Art. No.

KCD17207  
KCD15177  
KCD15179

## Optional Accessories

- Belt for mounting the hand force sensor

## Type/Art. No.

KCD17028

## Ordering Code

- Pedal force sensor
- Hand-lever force sensor

## Type CPFTB

## Type CPFTC

(Art. Nr. auf Anfrage)