



# Hand-Lever Force Sensor

for

## Measurement of Force Applied on the hand-brake lever of Motorbikes

- Records the hand-lever force independent of the angle of activation
- Applicable for use with brake test stands and for normal driving
- Mounts quickly and easily using a rubber strap.



## Precise Brake Force Measurement

The CORRSYS-DATRON Hand-Lever Force Sensor is specially designed for the measurement of hand forces applied on brake levers of motorcycles.

This compact sensor mounts directly on the hand-brake lever. An overload safety device protects the Hand-Lever Force Sensor against mechanical destruction.

The sensor is available with an optional integrated measuring amplifier for output of analog measurement values to data acquisition.

# Hand-Lever Force Sensor

## Typical Technical Data

### Overall Specifications

Nominal load:	0 ... 500 N
Accuracy:	0.5% f.s.
Protection standard:	IP 65
Cable:	2.5 m Lemo or open end

### Specifications Type 1 (with integrated measurement amplifier)

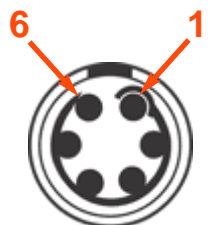
Power supply:	12 V DC
Output signal:	0 ... 2 V
Operating temperature range:	-10° C ... +50° C



## Pin Assignment

**Standard: 6 pin Lemo, male, approx. 2.5 m**

Pin	Signal
Pin 1	n.c.
Pin 2	+12V excitation
Pin 3	Signal GND
Pin 4	n.c.
Pin 5	Positive signal
Pin 6	Excitation GND



6-pin Lemo, male

**Optional: Open end cable, approx. 2.5 m**

Color	Signal
brown	power supply
white	GND
green	Out +
yellow	Out -

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