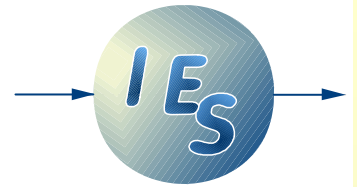


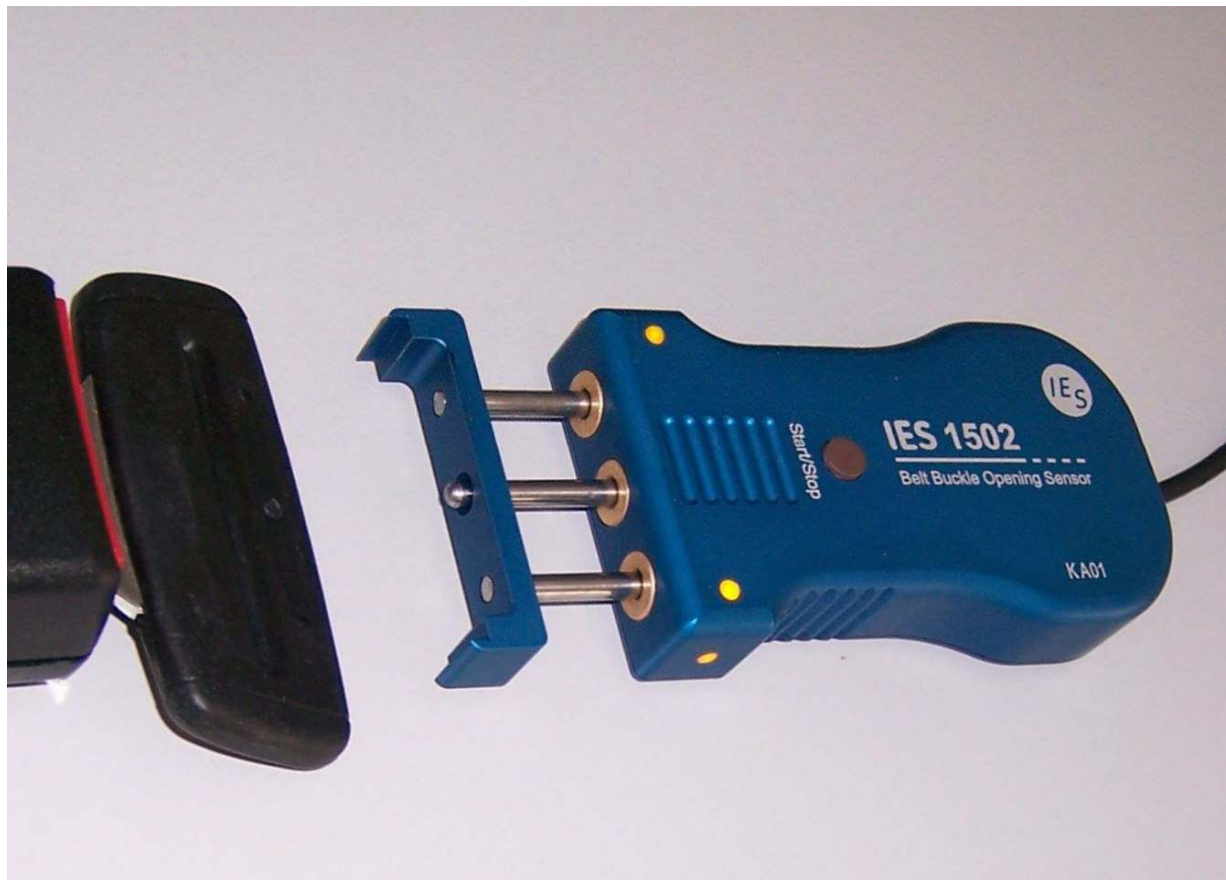
IES 1502 Belt Buckle Opening Sensor



PRELIMINARY SHORTFORM DATA

Belt buckle opening force and displacement sensor with USB interface enables recording of static and dynamic opening forces and travels on a notebook computer. The graphs are displayed online on the PC screen. PC software is available and handles a list of measuring locations and exports ISO data files.

- ☺ **Dimensions 125 x 54 x 20 mm³**
- ☺ **Measures Force and Displacement**
- ☺ **USB interface**
- ☺ **Online display on notebook computer**
- ☺ **ISO-data export**



Specifications

Metrics	
Dimensions	125 x 54 x 20 mm ³
Weight	0.22 kg
Cable	USB, 4 m long

Environment	
Temperature range	0 ... 60°C

Electrical Interface	
Power supply	USB (5 V)

Measurement Performance	
Force measuring range	150 N (overload allowed)
Displacement measuring range	15 mm
Noise of force measurement	0.02 N
Noise of displacement measurement	5 µm
Nonlinearity of force measurement	< 0.2 % FS
Nonlinearity of displacement measurement	< 1% FS

Ordering information: IES 1502

Also available:

IES 1501 Door opening force sensor
IES 1500App PC-Application software

Information is provided without warranty and is subject to change without notice. We reserve the right to make changes whenever necessary to improve to the product.
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