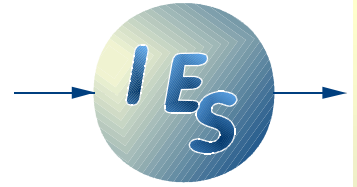


# IES 1541 Euro-SID-2 Rib Impact Sensor



## PRELIMINARY SHORTFORM DATA

Array of seven impact pressure sensors designed to be fitted onto a Euro-SID-2 rib. The sensor array aids in judgement of impact time, impact duration, occurrence of secondary impacts, location of impact and severity of impact. Analog output signals for recording with any common DAS, or optional DTI interface or optional internal recording available.

- ☺ **Dimensions 190 x 45 x 4 mm<sup>3</sup>**
- ☺ **Small mass only 25 grams**
- ☺ **Only one single thin cable**



## Specifications

Metrics	
Dimensions	190 x 45 x 4 mm <sup>3</sup>
Weight	0.025 kg
Cable	6 m long to cable split box

Environment	
Temperature range	0 ... 50 °C
Acceleration	200 g

Electrical Interface	
Power supply	10 V, 30 mA (max. per channel)
Output signal	2500 mV differential

Measurement Performance	
Impact pressure full scale	30 N/cm <sup>2</sup>
Zero signal	100 mV max.
Nonlinearity	15 %

### Ordering information: IES 1541

Also available:

- Option –DTI DTI interface instead of analog signals
- Option –REC Integrated data recording (20 kHz, 16 bit, 500 ms, ethernet interface)
- ImpactView Software Displays impact data and creates AVI's

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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