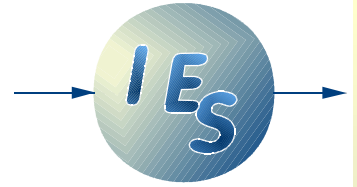


# IES 2206 Velocity Measuring Laser Light Trap



PRELIMINARY SHORTFORM DATA

Laser Light Trap for velocity measuring and triggering.

- ☺ **Small dimensions 103 x 56 x 25 mm<sup>3</sup>**
- ☺ **Low mass 0.17 kg (receiver), 0.23 kg (transmitter)**
- ☺ **Wide distance range 0.5 m to 5 m**
- ☺ **Integrated velocity counter**
- ☺ **Integrated ethernet interface**
- ☺ **Open collector trigger output**
- ☺ **Laser class 2M**



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# Specifications

Metrics	
Dimensions	103 x 56 x 25 mm <sup>3</sup>
Weight receiver	0.17 kg
Weight transmitter	0.23 kg

Environment	
Temperature range	0 ... 50 °C
Humidity	non condensing
Ambient light	100 000 lx

Electrical Interface	
Supply voltage	12 V
Current consumption	200 mA (complete, receiver + transmitter)
Trigger output	open collector, 40 V, 50 mA
Ready output	open collector, 40 V, 50 mA

Measurement Performance	
Distance range	1 m ... 6 m
Velocity range	2 m/s ... 15 m/s
Accuracy	0.01 m/s (v < 10 m/s), 0.02 m/s (v > 10 m/s)

## Pinout of SUP connector

Socket: Lemo EGA.1B.307. Plug for cable: Lemo FGA.1B.307.

Pin	Signal
1	Supply 12 V
2	Supply GND
3	Trigger output (open collector)
4	Signal GND
5	RDY output collector (isolated)
6	RDY output emitter (isolated)
7	Function check input
Case	Screen

## Ordering information: IES 2206

Also available:

- IES 2201 Velocity Measuring Laser Light Trap (forked type)
- IES 2202 Velocity Counter Module with ethernet interface
- IES 2204 Velocity Measuring Laser Light Trap(reflex type)
- IES VeloView 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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