

## 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> / 4" x 2.2" x 1"
- ▶ Low mass 0.17 kg / 0.4 lb (receiver), 0.23 kg / 0.5 lb (transmitter)
- ▶ Wide distance range 0.5 m to 5 m
- ▶ Integrated velocity counter
- ▶ Integrated ethernet interface
- ▶ Open collector trigger output
- ▶ Laser class 2M

## SPECIFICATIONS

Metrics	
<b>Dimensions</b>	103 x 56 x 25 mm <sup>3</sup> / 4" x 2.2" x 1"
<b>Weight receiver</b>	0.17 kg / 0.4 lb
<b>Weight transmitter</b>	0.23 kg / 0.5 lb
Environment	
<b>Temperature range</b>	0...50 °C
<b>Humidity</b>	non condensing
<b>Ambient light</b>	100 000 lx
Electrical Interface	
<b>Supply voltage</b>	12 V
<b>Current consumption</b>	200 mA (complete, receiver + transmitter)
<b>Trigger output</b>	Open collector, 40 V, 50 mA
<b>Ready output</b>	Open collector, 40 V, 50 mA
Measurement Performance	
<b>Distance range</b>	1 m ... 6 m
<b>Velocity range</b>	2 m/s ... 15 m/s
<b>Accuracy</b>	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 Velo View 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 the product. Revision 2016-02