

LTI Products

Laser Sensors

Laser Sensors

TruSense S100

Part No: 7005770

E1 Desc: TRUSENSE S100

This sensor offers enhanced range and accuracy, an intuitive user interface and a compact design at a lower price.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.



TruSense S100 w/o Housing (OEM)

Part No: 7005780

E1 Desc: S100 TRUSENSE OEM

This sensor has exactly the same capabilities as the standard S-100, except it does not come with an external case. This is ideal for system integrators.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.



TruSense S200

Part No: 7005785

E1 Desc: TRUSENSE S200

Same small design as the TruSense S100 but offering higher accuracy. Ideal for applications requiring RS232.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.



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TruSense S200 w/o Housing (OEM)

Part No: 7005910

E1 Desc: TRUSENSE S200 OEM

Same capabilities as the standard S-200, except it does not come with an external case. Ideal for system integration.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.



TruSense S210 (RS232 w/Pointer)

Part No: 7006740

E1 Desc: TRUSENSE S210 ,RS232 W/POINTER

This model utilizes a visible alignment laser and offers serial RS232 and a Trigger Output. Ideal for applications requiring an alignment laser and RS232.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.
- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for cameras or other equipment.



TruSense S230 (4 To 20 w/Pointer)

Part No: 7006750

E1 Desc: TRUSENSE S230,4-20MA,W/HART

This model utilizes a visible alignment laser and offers serial RS232 and 4-20 outputs and is HART capable. Ideal for applications requiring 4-20.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.
- includes HART capability allowing the user freedom to communicate with the laser through 4-20 as well as through RS232 serial communication.



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Universal Laser Sensor

Part No: 7005400

E1 Desc: Universal Laser Sensor W/APD-G

Four measurement modes along with extensive measurement selections including output power and update rate make this our most versatile Industrial Sensor. Long range capability and high accuracy make this sensor a world class leader.

Includes Interface Package including User's Manual, Configuration cable, and Interface Software

Key Features:

- User configurable pulse and update rates up to 4500 Hz.
- Networking ability of up to 64 addressable units.
- Ideal for rugged and adverse ambient conditions.



Universal Laser Sensor w/o Housing (OEM)

Part No: 7005395

E1 Desc: Universal Laser Sensor OEM-CG

Same unit as the Standard but intended for System Integrators interested in space and weight savings.

Ships without extrusion and rear plate resulting in significant space, weight, and cost savings.

Key Features:

- Same performance as Standard unit
- Designed for System Integration
- Weight and cost savings over Standard unit



Traffic Sensors

Speed System=T100,T200,Optics,Spacer Bar

Part No: 7035125

E1 Desc: KIT,T100/T200 SET W/BACKET

Combining these two sensors changes everything, profile and classify vehicles, calculate the speed as well as time and distance between vehicles. Ideal for measuring the height, length and speed of vehicles.

Key Features:

- Count, profile and classify vehicles
- Ultimate detection technology
- Red-light system and license plate integration
- Mount both the TruSense T-100 & T-200 for speed detection as well as time and distance between vehicles



Laser Sensors

Traffic Sensors

TruSense T100

Part No: 7005880

E1 Desc: TRUSENSE T100

This single sensor can be used for a wide variety of traffic management applications. Ideal for event triggering and general data capture.

Key Features:

- Easily identifies difficult targets such as liquids, non-reflective material and fast moving objects.
- Makes non-contact and non-intrusive measurements without the need for frequent calibration.
- Recognizes small targets at long distances, within narrow openings and from sharp angles.
- Performs under temperature variations, background noise, vapor pressure and low dielectric or acoustically absorbing materials.
- includes HART capability allowing the user freedom to communicate with the laser through 4-20 as well as through RS232 serial communication.

