LASER TECHNOLOGY INC

LTI Products

Laser Sensors

Laser Sensors

TruSense S200

Part No: 7005785
E1 Desc: TRUSENSE S200

Same small design offering great range and high accuracy in an economical package. Ideal for applications requiring RS232 and a Trigger Output.

Key Features:

- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.
- 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 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 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:

- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for cameras or other equipment.
- 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 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.

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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:

- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.
- 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 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 S210 W/O Housing (OEM)

Part No: 7006741
E1 Desc:

Same capabilities as the standard S-200 OEM, except it comes with a visible alignment laser. Ideal for system integration.

Key Features:

- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.
- 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 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.

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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:

- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.
- 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 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.

TruSense S230 W/O Housing (OEM)

Part No: 7006751
E1 Desc:

Same capabilities as the standard S-200 OEM, except it comes with a visible alignment laser and 4-20mA (no RS-232 or trigger out). Ideal for system integration.

Key Features:

- Offers 4-20mA analog output.
- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.
- 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 and low dielectric or acoustically absorbing materials.

Laser Sensors

Laser Sensors

TruSense S300

Part No: 7006800
E1 Desc: TruSense S300

Non-contact fluid level measurement sensor capable of generating accurate measurements on highly reflective surfaces. Ideal for applications requiring RS232 and a Trigger Output.

Key Features:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near flat walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest.
- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for alarms or other equipment.

TruSense S300 w/o Housing (OEM)

Part No: 7006801
E1 Desc: TruSense S300 w/o Housing (OEM)

Same capabilities as the standard S-300, except it does not come with an external case. Ideal for system integration.

Key Features:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near flat walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest.
- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for alarms or other equipment.

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TruSense S310 (RS232 w/ Pointer)

Part No: 7006805
E1 Desc: TruSense S310 (RS232 w/ Pointer)

Non-contact fluid level measurement sensor capable of generating accurate measurements on highly reflective surfaces. 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:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near flat walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest.
- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for alarms or other equipment.

TruSense S310 (RS232 w/ Pointer) OEM

Part No: 7006806
E1 Desc: TruSense S310 (RS232 w/ Pointer) OEM

Same capabilities as the standard S-300 OEM, except it comes with a visible alignment laser and offers serial RS232 and a Trigger Output. Ideal for system integration.

Key Features:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near flat walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest.
- Offers a selection of trigger outputs allowing the sensor to be used directly as an event trigger for alarms or other equipment.

TruSense S330 (4 to 20 w/ Pointer)

Part No: 7006815
E1 Desc: TruSense S330 (4 to 20 w/ Pointer)

Non-contact fluid level measurement sensor capable of generating accurate measurements on highly reflective surfaces. This model utilizes a visible alignment laser and offers serial RS232 and 4-20mA outputs.

Key Features:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest, well as advanced modes for multiple-targets.

Laser Sensors

Laser Sensors

TruSense S330 (4 to 20 w/ Pointer) OEM

Part No: 7006816
E1 Desc: TruSense S330 (4 to 20 w/ Pointer) OEM

Same capabilities as the standard S-300 OEM. This model utilizes a visible alignment laser and offers serial RS232 and 4-20mA outputs. Ideal for system integration.

Key Features:

- Provides instantaneous measurements that are accurate and highly repeatable, even over long ranges.
- Takes non-contact fluid level measurements with little to no required calibrations.
- Provides a sensor that can be shot through protective screens and near flat walls.
- Generates reliable results by stabilizing the reflections picked up by the receiver
- Offers a variety of user-configurable target modes: first, last and strongest, and well as advanced modes for multiple-targets.

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 ULS 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

LASER TECHNOLOGY INC

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.

Speed System=T100,T200,Optics,Spacer Bar

Part No: 7035125
E1 Desc: KIT,T100/T200 SET W/BRACKET

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