

TIC102-20000







Laser scanners TIC1xx/TIC102/Outdoor/Short Range

Model Name > TIC102-20000 Part No. > 1055102



At a glance

- Highly precise vehicle classifications on multiple lanes for free-flowing and blocked traffic flow, even with lane changer
- · Flexible and adaptable classification system
- · Integrated standard classes
- Reliable operation even at night and in inclement weather
- Additional information such as speed, vehicle dimensions, triggers for license plate cameras and DSRC antennas

Your benefits

- · Automatic calibration: The configuration of multiple lanes takes only minutes
- The detection of vehicle class, trigger, speed and vehicle dimensions facilitates the use in many application fields
- For simple integration, the system automatically combines the data of up to 4 lanes and outputs the results on a single interface
- The vehicle data can be stored directly in the processing head. This permits independent, temporary measurements to be performed easily.
- · No complex installations into the road surface are required
- The triggering of the TIC102 improves the detection and reading rate of the license plate detection or the DSRC system
- Long maintenance intervals and fast installation lower the operating costs to a minimum

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Features

Field of application:

Version:

Outdoor

Short Range

Laser class: 1 (IEC 60825-1 (2007-3)), complies with 21 CFR 1040.10 except for the

tolerance according to Laser Notice No. 50 from June 24, 2007

Field of view: 180 °
Scanning frequency: 50 Hz
Heating: Yes

Operating range: ≤10 m (Visibility might be limited to less than 10 m in case of fog, snow,

heavy rain etc. This might lead to decreased system performance.)

System part: Processing Head

Performance

Integrated application: Vehicle classification

Vehicle data: Driving direction, Speed, Vehicle interval measurement, Lane assignment

Classification: ECTN15, Swiss10, TLS2+0, TLS5+1, TLS8+1

Vehicle dimensions: Width, Height, Length Interfaces Serial (RS-232): Ethernet: Function (Ethernet): Host TIC Information Interface Protocol (Ethernet): CAN bus: PROFIBUS DP: PROFINET: DeviceNet: Mechanics/electronics 24 V DC± 5 % Operating voltage: Housing color: Gray (RAL 7032) Enclosure rating: IP 66 (EN 60529) Weight: 18.2 kg Dimensions: 482 mm x 355 mm x 373 mm **Ambient data** -25 °C ... 50 °C ¹⁾

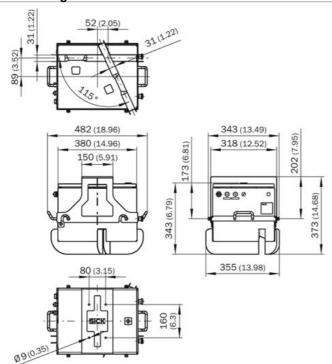
Ambient operating temperature:

General notes

Note on use: Not suitable for personnel protection

¹⁾ Protection against direct sunlight is required to prevent overheating.

Dimensional drawing



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