

## Specification

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#### laser Source

Fiber-coupled red or green laser diode

#### Frenquency of Porjection

Max. 50 Hz (depends on the projection)

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#### IP protection class

IP65

#### Weight

7.3 kg (plus ca. 1.4 kg for separate power supply)

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#### Dimension

500 x 200 x 141 mm (181 mm incl. fan) 19.685 x 7.874 x 5.551 in (7.126 incl fan)

#### Storage Temperature

-5° C up to +60 °C

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### Optical

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#### Wave Length(nm)

638

#### Output Power(mW)

28

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#### Laser Class

3R

#### Special Feature of Model

Tele-optic

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#### Fan Angle

60° x 60°

## Accuracy(mm/m)

0.20

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## Focus Range

Up to 14 m

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## Wave Length(nm)

638

## Output Power(mW)

7

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## Laser Class

2M

## Special Feature of Model

High Precision

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## Fan Angle

60° x 60°

## Accuracy(mm/m)

0.10

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## Focus Range

0.5 m up to 7 m (standard focus)

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## Wave Length(nm)

520

## Output Power(mW)

14

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## Laser Class

3R

## Special Feature of Model

High Precision

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## Fan Angle

60° x 60°

## Accuracy(mm/m)

0.10

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## Focus Range

0.5 m up to 7 m (standard focus)

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## Wave Length(nm)

520

## Output Power(mW)

7

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## Laser Class

2M

## Special Feature of Model

Standard

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## Fan Angle

80° x 80°

## Accuracy(mm/m)

0.25

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## Focus Range

0.5 m up to 7 m (standard focus)

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## Electrical

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### Operating Voltage

24 VDC ±5%

### Protection class electrical

3 (protective low voltage)

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### Electrical isolation

Potential-free housing, connection to GND through 500 kΩ

### Interfaces

1. Ethernet TP, 100 Base TX Cat5/Cat6 2. RS-232 IV24 (max. cable length 15 m) 3. Prof Net external optional, other feldbus systems on request

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### Power consumption

50 W (max. 100 W)

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## Software

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## Software

LPM

## Graphic files without LPM

HPGL / HPGL 3D

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Ambient Conditions

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## Operating Condition

+5 °C up to +45 °C (with passive cooling)

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## Operating Condition

+5 °C up to +50 °C (with cooling air hose)

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## Operating Condition

+5 °C up to +60 °C (with adaptive water cooling)

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