

Specification

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laser Source

Fiber-coupled red or green laser diode

Frenquency of Porjection

Max. 50 Hz (depends on the projection)

IP protection class

IP65

Weight

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

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

Optical

Wave Length(nm)

520

Output Power(mW)

7

Laser Class

2M

Special Feature of Model

Standard

Fan Angle

80° x 80°

Accuracy(mm/m)

0.25

Focus Range

0.5 m up to 7 m (standard focus)

Wave Length(nm)

520

Output Power(mW)

14

Laser Class

3R

Special Feature of Model

High Precision

Fan Angle

60° x 60°

Accuracy(mm/m)

0.10

Focus Range

0.5 m up to 7 m (standard focus)

Wave Length(nm)

638

Output Power(mW)

7

Laser Class

2M

Special Feature of Model

High Precision

Fan Angle

60° x 60°

Accuracy(mm/m)

0.10

Focus Range

0.5 m up to 7 m (standard focus)

Wave Length(nm)

638

Output Power(mW)

28

Laser Class

3R

Special Feature of Model

Tele-optic

Fan Angle

60° x 60°

Accuracy(mm/m)

0.20

Focus Range

Up to 14 m

Electrical

Operating Voltage

24 VDC ±5%

Protection class electrical

3 (protective low voltage)

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

Power consumption

50 W (max. 100 W)

Software

Software

LPM

Graphic files without LPM

HPGL / HPGL 3D

Ambient Conditions

Operating Condition

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

Operating Condition

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

Operating Condition

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