VON.JAN TECHNOLOGY

2D SCAN HEAD

BS-8 mini

en | Data sheet | 1.0

- **2-axis laser deflection unit, 8 mm aperture**
- **Particularly compact and lightweight design**
- **High scanning speed and precision**

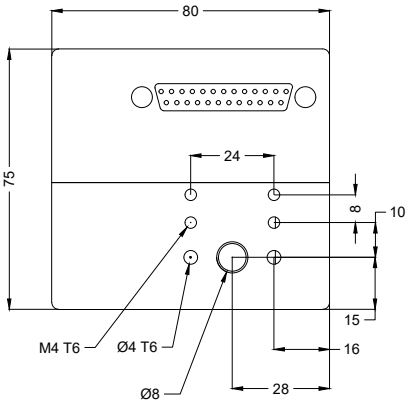


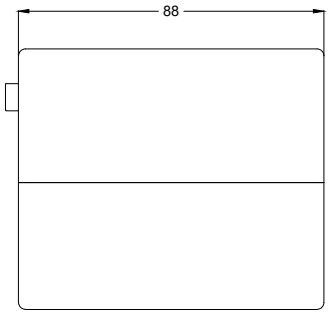
Wavelength	1064 nm
Input beam diameter	8 mm
Max. laser power @ 1064 nm CW (<)	50 W
Tracking delay	0.12 ms
Writing speed	900 cps
Positioning speed (<)	20 m/s
Marking speed	3 m/s
Max. optical deflection (±)	0.393 rad
Resolution	12 µrad
Repeatability (RMS) (<)	22 µrad
Max. gain-drift per axis	50 ppm/K

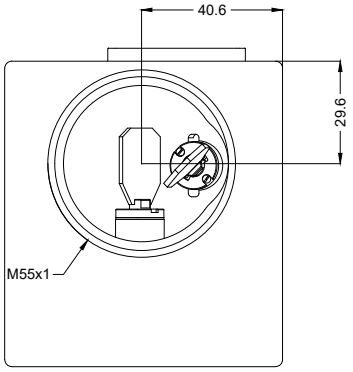
Max. offset-drift per axis	30 µrad/K
Long-term-drift per axis (8 h) (<)	300 µrad
Cooling method	Passive air-cooled
Control interface	XY2-100-Standard
Supply voltage DC	15 V
Input current	3 A
Operation temperature	10 – 40 °C
Storage temperature	-20 – 60 °C
Mechanical dimensions (W × D × H)	88 × 80 × 80 mm
Net weight	1.1 kg

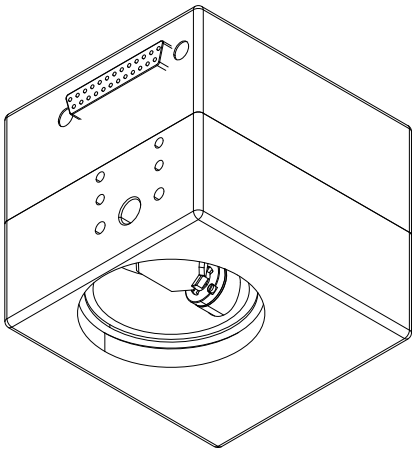
Information is subject to change without notice.
Product photos are non-binding and may show customized features.

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Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

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