

M2DW LASER-Scanner

with air- or water-cooling

- Measuring
- Controlling
- Monitoring



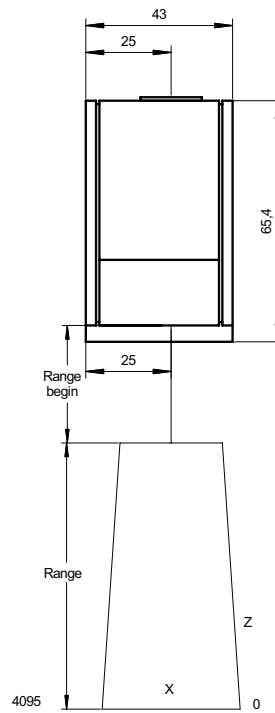
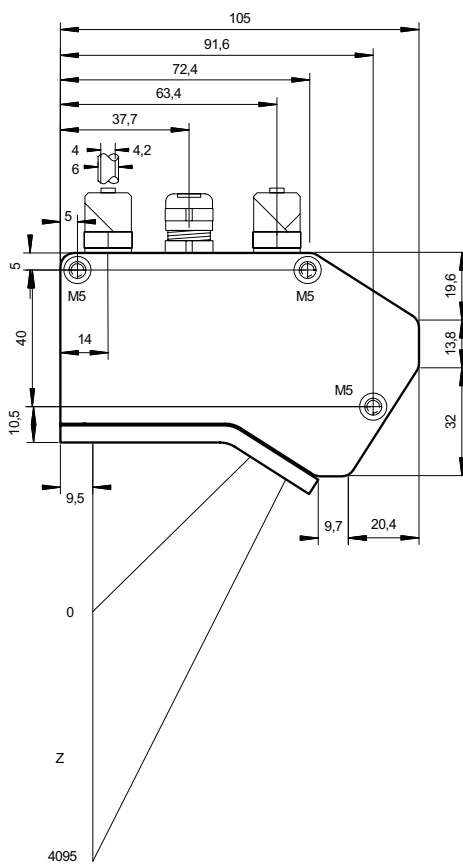
M2DW 160/40



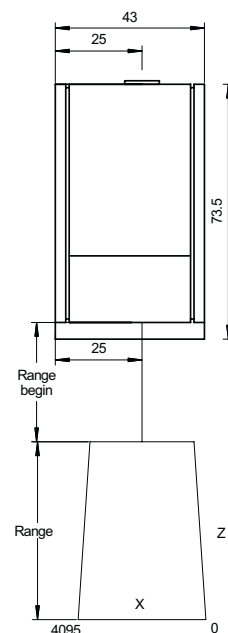
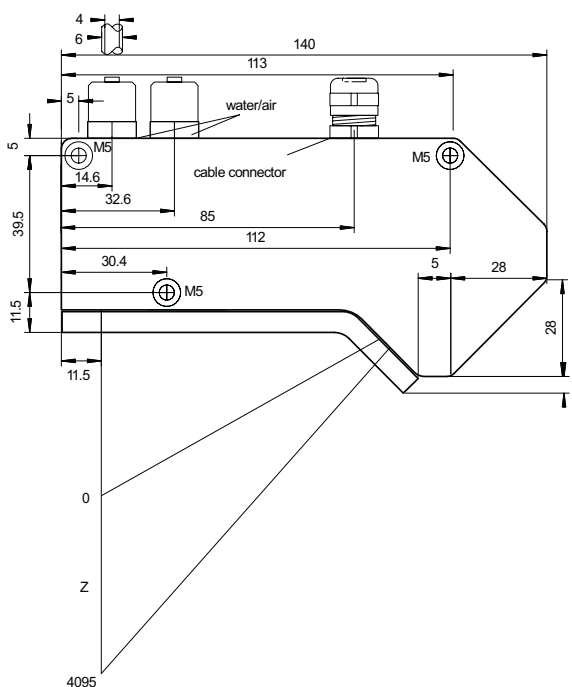
M2DW 75/30

- for temperatures up to 500°C
- Heat shield and integrated cooling

TYPE 10 weight 500 g



TYPE 9 weight 650 g



Technical Data M2DW / 50 Hz- and 100 Hz version:

Scanner	M2DW-75/30	M2DW-160/40
Case type	9	10
Range Z [mm]	75	160
Begin scan range X [mm]	30	40
End scan range X [mm]	40	110
Range begin Z [mm]	90	60
Resolution Z [mm]	0.15	0.25
Resolution X [mm]	0.05	0.16
Linearity [% of meas. value]	0.2	0.2
Laser protection class	2	2

	50 Hz	100 Hz
Scan rate*		
Shutter speed**	1/28,000 s up to 1/125 s	1/47,000 up to 1/225 s
Specials		feeler gage, elapsed hour counter, serial number readable
Light source	Connections for air- or water-cooling Laser, wave length 658 nm, red visible	
Ambient light	5,000 Lux	
Operating time	Laser diode: 50,000 h	
max. Vibration	5 g up to 1 kHz	
Operating temperature	0° ... +40°C	
Storage temperature	-20° ... +70°C	
Humidity	< 90% RH	
Protection class	IP 64	
Power supply	via Electronic module: i-Control, Blue Box or ISA-Card	
Measuring surface	white to black, shiny, high mirroring	

*) please order

**) adjustable via software

Delivery:

- Sensor head
- Sensor cable 2 m
- Demo-Software
- Manual
- Electronic module alternatively:
 - i-Control
 - Blue Box
 - ISA-Card

Options:

- Special cable length

Accessories:

- Protection window / glass
- Protection window / plastics
- 2 Scanner synchronized