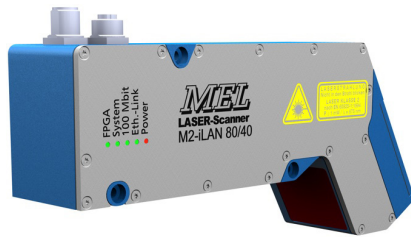


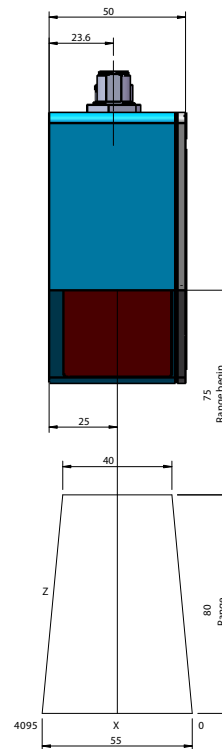
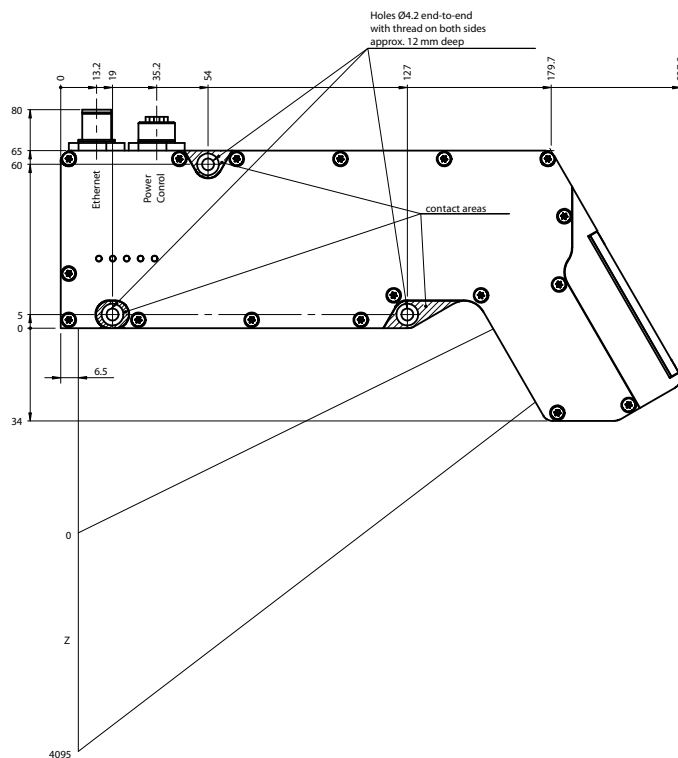
M2-iLAN-2-F

Laser Scanner



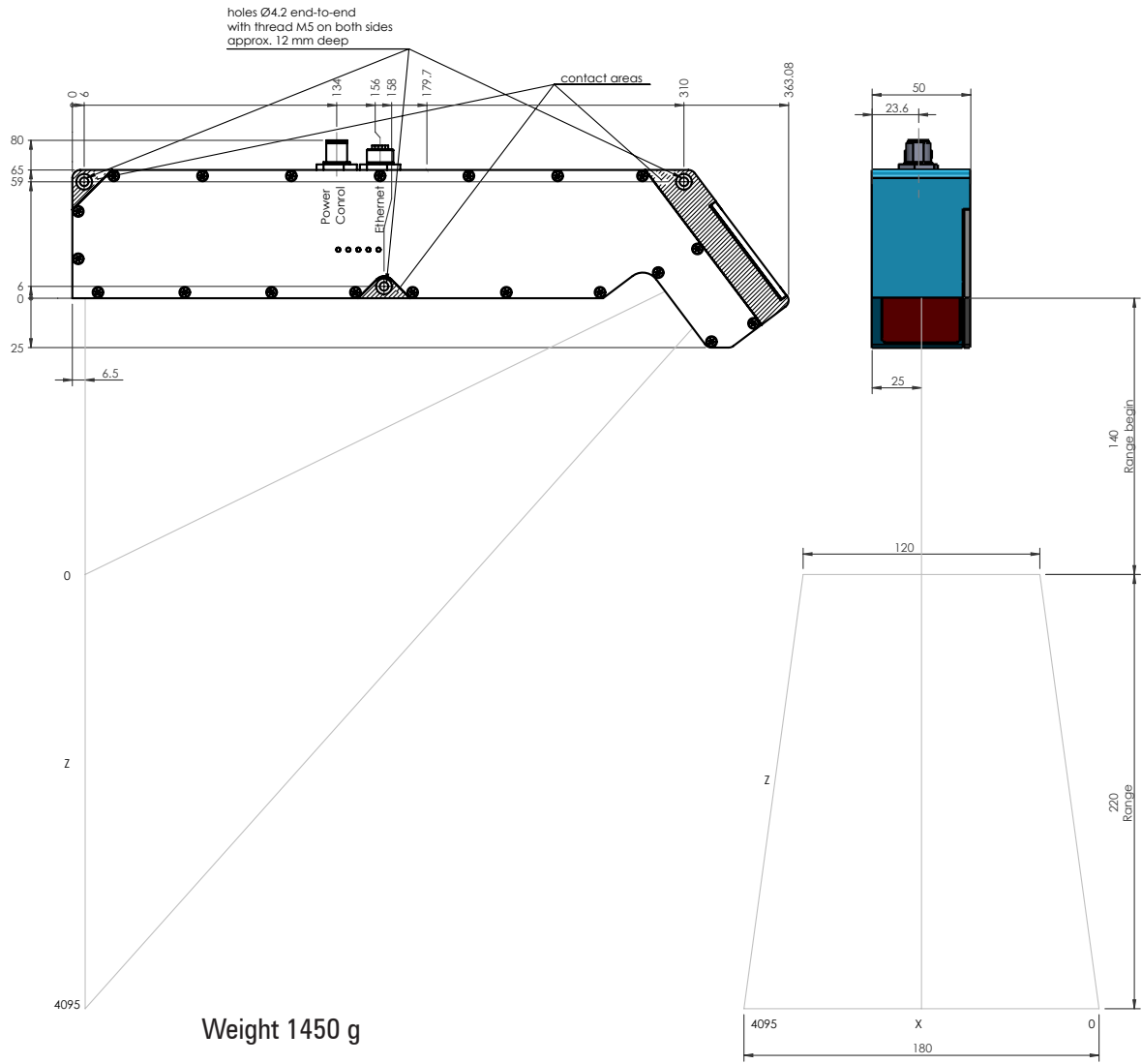
- 380 Hz / 680 Hz Measuring Rate
- Built-in Controller
- LAN Connection

M2-iLAN-2-F-80/40



Weight 1120 g

M2-iLAN-2-F-220/120



Specifications M2-iLAN-2-F

M2-iLAN-2-F-	80/40	220/120
Measuring Range Z	80 mm	220 mm
Begin of Measuring Range Z	75 mm	140 mm
Begin of Scan Range X	40 mm	120 mm
End of Scan Range X	55 mm	180 mm
Resolution Z *	0,045 mm	0,11 mm
Resolution X at 380 Hz (700 Hz) *	0,095 mm (0,190 mm)	0,275 mm (0,550 mm)
Laser Protection Class	3R	3B
Linearity	0,2 % of Measuring Range	
Measuring Rate	380 Hz / 680 Hz	
Specials	Feeler gage, elapsed hour counter, serial number and sensor data readable	
Light Source	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 °C ... +40 °C	
Storage Temperature	-20 °C ... +70 °C	
Humidity	< 90% RH	
Protection Class	IP 64	
Power Supply	8 - 30 V, P _w = 15 W	
Measuring Surface	white to black, shiny, high mirroring	

* Measurement on matt white diffusely reflecting surface

Pin Assignment:

Ethernet cable - connector M12, round, 4 pole, D-coded, female:

Pin	Signal	Comment
1	Tx+	Transmission data Ethernet +
2	Rx+	Received data Ethernet +
3	Tx-	Sendedaten Ethernet -
4	Rx-	Transmission data Ethernet -
Shield		Connected with connector housing

Control cable - connector M12, round, 8 pole, A-coded, male:

Pin	Signal	Comment
1	8 - 30 V	
2	Input 1	Incremental encoder A + B
3	GND	
4	Input 2	For synchronization of sensors
5	Sync out	
6	Sync in	RS232 Diagnostic interface
7	TxD	
8	RxD	
Shield		

Scope of Delivery

- Scanner head without cable and power supply (please order separately)
- Demo Software
- Manual

Options

please state for ordering

- 2 Scanner synchronized

Accessories

not included in delivery

- Connection cable (different lengths and types)
- Ethernet cable (different lengths and types)
- Power supply