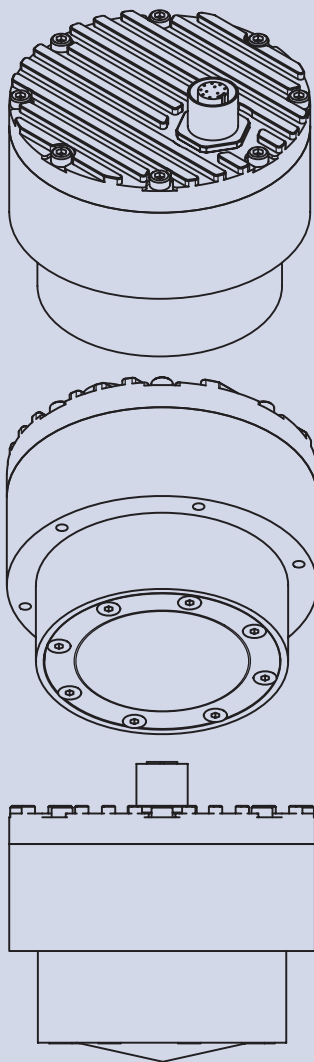


Detailed Specifications



Model Name	LX-80-8 1sps
Radar Type	W-band 77-81 GHz FMCW radar
Beam Angle	5°
Detection Distance	8 m
Blind Zone	0.2 m
Resolution	0.5 mm
Accuracy	± 2 mm
Sampling Frequency	1 sps / 10 sps optional / 20 sps optional
IP Rating	IP68
Serial Interface	1 x serial RS-485 half-duplex 1 x serial RS-232 (two wire interface)
Serial Baud Rate	9600 bps to 115200 bps
Serial Protocols	Modbus, GLX-NMEA
Analog Interface	4-20 mA
Other Interfaces	SDI-12
Connector	M12 circular 12-pin
Input Voltage	9 to 27 VDC
Power Consumption	0.36 W standby 0.15 W; sleep 0.03 W; extended 0.6 W
Maximal Current	< 470 mA
Temperature Range	-40 °C to +85 °C (without heating or coolers)
Enclosure Dimensions	φ 65 mm x H 78 mm

FCC & CE **APPROVED**

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