

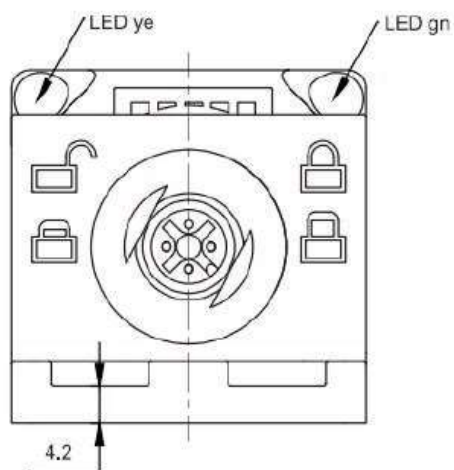
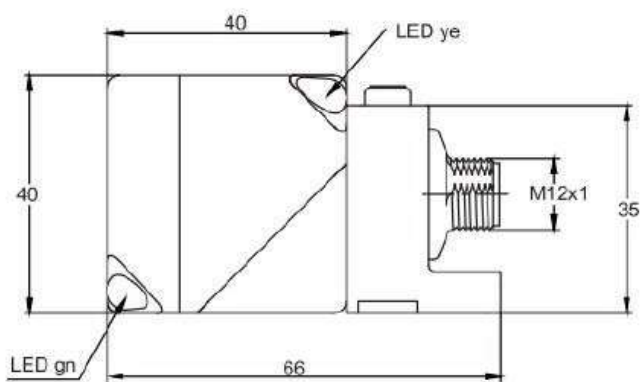
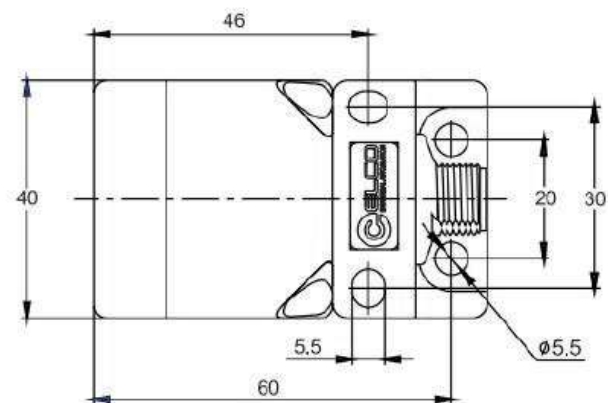


IO-Link High-Frequency Read/writeHead C40H

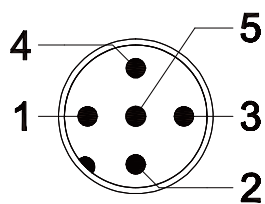
<div><div><div>■ IO-LINK Version 1.1.3</div><div>■ Frequency 13.56 MHz</div><div>■ Dynamically read and write</div><div>■ LEDs as function indicators</div><div>■ Degree of protection IP65</div></div><div></div></div> <div></div>	
Ordering data	
Product model	RF30-WR-C40H/LK
Description	IIO-Link high-frequency read/write head
Electrical data	
Rated voltage	24 VDC
Operating current	80 mA
Power consumption	≤ 2W
Electrical connection	Male, M12x, A-CODE, 4-pin
RFID specifications	
RFID standard	ISO 15693
Operating frequency	13.56MHz
Antenna type	Integrated antenna
Emitted power	23 dBm
Transfer rate	26 kBit/s
Read distance	0-70mm (depends on the tag and environment)
Dynamic model	Supported by the IODD file
IO-LINK parameter	
Interface	IO-LINK V1.1.3
Data transfer rate	COM3 (230.4 kbps)
Interface type	Class A
Min. cycle time	24 ms
Vender ID	111812
Device ID	16453928
Process data	32 Byte
Diagnosis	
Communication status	LED indicator
Power supply	LED indicator
Tag detection	LED indicator
Physical paramete	
Operating temperature	-25 °C ... 70 °C
Storage temperature	-40 °C ... 85 °C
Operating humidity	5%-95%
Degree of protection	IP67
Boundary dimension	40 mm × 40 mm × 66 mm
Spacing of mounting holes	20mm

IO-Link High-Frequency Read/writeHead C40H

Dimensions





Connection



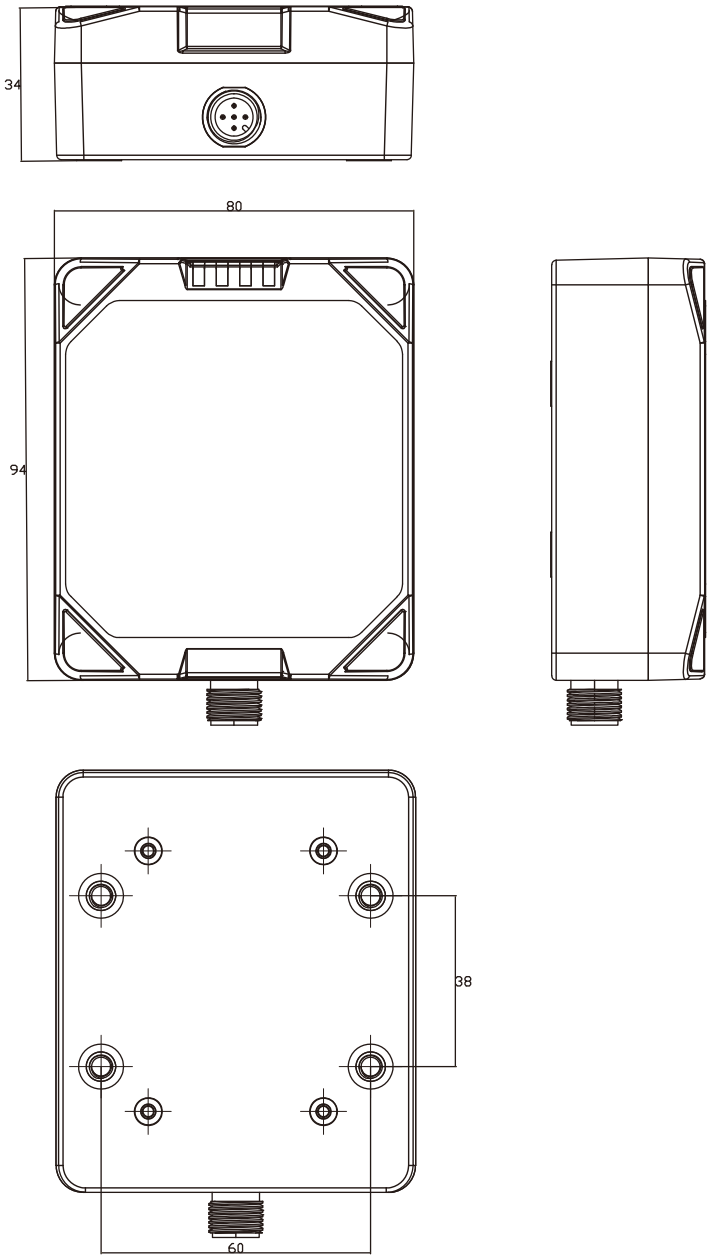
Class - A
1 - L+
2 - n.c
3 - L-
4 - C/Q

IO-Link High-Frequency Read/writeHead Q95H

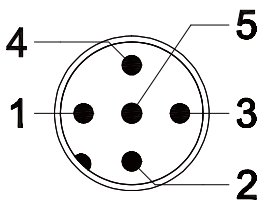
<div><div><div>■ IO-LINK Version 1.1.3</div><div>■ Frequency 13.56 MHz</div><div>■ Dynamically read and write</div><div>■ LEDs as function indicators</div><div>■ Degree of protection IP65</div></div><div></div></div>	<div></div>
Ordering data	
Product model	RF30-WR-Q95H/LK
Description	IO-Link high-frequency read/write head
Electrical data	
Rated voltage	24VDC
Operating current	80mA
Power consumption	≤2W
Electrical connection	Male, M12x1, A-CODE, 4-pin
RFID specifications	
RFID standard	ISO 15693
Operating frequency	13.56 MHz
Antenna type	Integrated antenna
Emitted power	23 dBm
Transfer rate	26 kBit/s
Read distance	0-90mm (depends on the environment)
Dynamic model	Supported by the IODD file
IO-LINK parameter	
Interface	IO-LINK V1.1.3
Data transfer rate	COM3 (230.4 kbps)
Interface type	Class A
Min. cycle time	24 ms
Vender ID	11181
Device ID	16453927
Process data	32 Byte
Diagnosis	
Communication status	LED indicator
Power supply	LED indicator
Tag detection	LED indicator
Physical paramete	
Operating temperature	-25 °C ... 70 °C
Storage temperature	-40 °C ... 85 °C
Operating humidity	5%-95%
Degree of protection	IP67
Boundary dimension	94 mm × 80 mm × 34 mm
Spacing of mounting holes	60 mm × 38 mm

IO-Link High-Frequency Read/writeHead Q95H

Dimensions



Connection



Class - A





1 - L+

2 - n.c

3 - L-

4 - C/Q

HF RFID Tags

HF tags				
	Universal Tags		Large memory Tag	Metallic surface mounted Tag
				
Type	RF30-TGH-ER20	RF30-TGH-ER30	RF30-TGH-ER30K2	RF30-TGH-MR30
Frequency	13.56 MHz	13.56 MHz	13.56 MHz	13.56 MHz
Memory capacity	128 Bytes EEPROM	128 Bytes EEPROM	2000 Bytes EEPROM	320 bytes EEPROM
Housing Material	PVC	ABS	PPA	PPA
Installation method	Double sided adhesive bonding, Installation non-metallic surface	Installation nonmetallic surface	Installation nonmetallic surface	Installation on metal
Operating temperature	-30°C to +85°C	-30°C to +85°C	-30°C to +85°C	-30°C to +85°C
Storage temperature	-30°C to +85°C	-30°C to +85°C	-30°C to +85°C	-30°C to +85°C
Protection grade	IP65	IP65	IP68	IP68
Dimensions	20 x 0.84 mm	30 x 2.0 mm, Installation aperture 3.5 mm	30 x 5.0 mm, Installation aperture 5 mm	30 x 3.0 mm, Installation aperture 5 mm
Weight	2.6 g	3 g	4.5 g	5 g

Attention: If the non-metallic tags need to be installed on a metal surface, the non-metallic gaskets need to be added, and the thickness of the gasket should be greater than 10 mm.