Dimensions

Electrical connection

1	+	
2	A	
3	-	
4	B	
	Shield	

Model Number

MVH500-F15-V1

Read/write head
for IDENTControl

Features

- 3 LEDs for function indication
- Connection via V1 (M12 x 1) plug connection
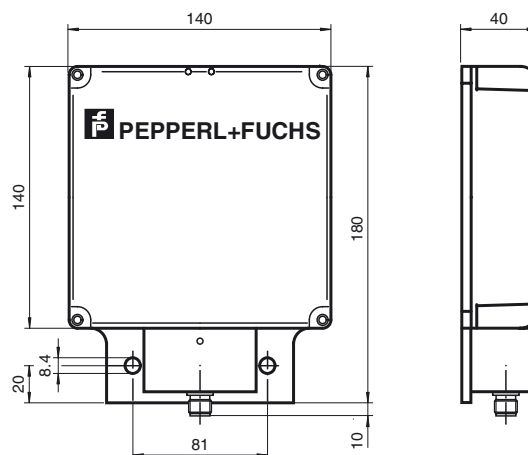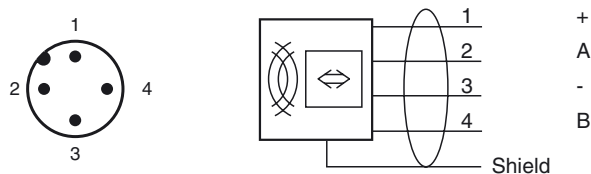- Protection degree IP65

Accessories

V1-G-5M-PUR-ABG-V1-W
Connecting cable, M12 to M12, PUR cable 4-pin, shielded

V1-G-10M-PUR-ABG-V1-W
Connecting cable, M12 to M12, PUR cable 4-pin, shielded

V1-G-20M-PUR-ABG-V1-W
Connecting cable, M12 to M12, PUR cable 4-pin, shielded

Technical data

General specifications

Operating frequency	2.45 GHz ± 200 kHz
Transfer rate	76.8 kBit/s
Emitted power	2.7 mW (4.3 dBm)
Operating distance	0 ... 0.5 m , maximum 1.5 m
UL File Number	E87056

Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
LED Tx	communication
LED OK	Power on

Electrical specifications

Power consumption	P_0	≤ 7 W
Supply		from the IDENTControl

Standard conformity

Electromagnetic compatibility	EN 61326, EN 301489-1, EN 301489-3, EN 300440-1
Standards	EN 60950-1

Ambient conditions

Ambient temperature	-20 ... 70 °C (-4 ... 158 °F)
Storage temperature	-20 ... 70 °C (-4 ... 158 °F)
Shock and impact resistance	50 g, 11 ms, in all 3 spatial axes, with 3 positive and negative accelerations on each, according to IEC 68-2-27 and IEC 68-2-47

Mechanical specifications

Protection degree	IP65 according to EN 60529
Connection	M12 x 1 connector
Material	
Housing	PBT/stainless steel/aluminium
Installation	
Distance between two heads	2 m at operating distance 0.5 m
Mass	approx. 1200 g

Subject to modifications without notice

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Notes

Max. cable length:
100 m for wire cross section 4 x 0,34 mm^2
150 m for wire cross section 4 x 0,50 mm^2
200 m for wire cross section 4 x 0,75 mm^2

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