Dimensions

M18 x 1
16.4
Metal-free zone
16
4
50
55
66
24
LED
6
M12 x 1

Electrical connection

1	+
2	A
3	-
4	B

Shield

Model Number

IPH-18GM-V1

LF read/write head for IDENT*Control*

Features

- Read/write head with thread M18 x 1
- Connection via V1 (M12 x 1) plug connection
- Multihole-LED for function display
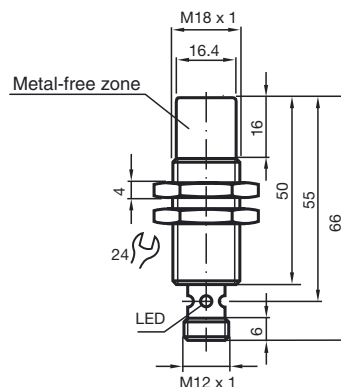- Degree of protection IP67

Accessories

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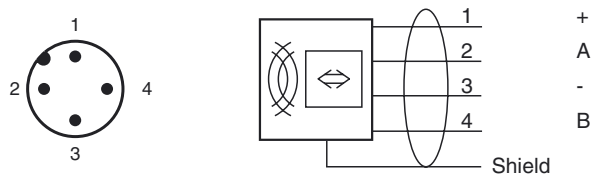Connecting cable, M12 to M12, PUR cable 4-pin, shielded

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

Technical data

General specifications		
Operating frequency		125 kHz
Transfer rate		2 kBit/s
Sensing range		
Read distance		1 ... 50 mm
Write distance		0 ... 40 mm
Width		max. 40 mm
Operating distance		maximum: 50 mm
UL File Number		E87056
Indicators/operating means		
LED green/yellow		Multihole-LED: green: power on green flashing: read/write attempt performed yellow: data carrier detected
Electrical specifications		
Power consumption	P_0	≤ 1.2 W
Supply		from the IDENTControl
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Mechanical specifications		
Degree of protection		IP67
Connection		M12 x 1 connector
Material		
Housing		PBT/stainless steel
Encapsulation compound		Fermadur
Installation		non-flush
Distance between two heads		Multiplex on: ≥ 30 mm Multiplex off: ≥ 180 mm
Mass		approx. 40 g
Compliance with standards and directives		
Directive conformity		
R&TTE Directive 1995/5/EC		EN 301489-1 V1.8.1 (2008-04), EN 301489-3 V1.4.1 (2002-08), EN 300330-2 V1.3.1 (2006-04), EN 60950-1:2006
Standard conformity		
Electromagnetic compatibility		EN 61326
Degree of protection		EN 60529

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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SENSING YOUR NEEDS

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