Dimensions

M30 x 1.5
27.7
Metal-free zone
18
5
50
55
66
36
LED
6
M12 x 1

Electrical connection

Pin	Signal
1	+
2	A
3	-
4	B

Shield

Model Number

IPH-30GM-V1

Read/write head
for IDENTControl

Features

- Read/write head with thread M30 x 1.5
- Connection via V1 (M12 x 1) plug connection
- Multihole-LED for function display
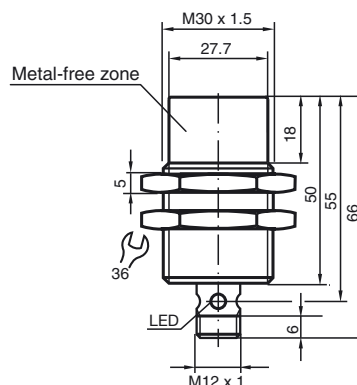- Protection degree IP67

Accessories

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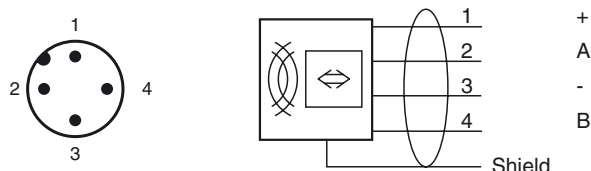Connecting cable, M12 to M12, PUR cable 4-pin, shielded

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 ... 65 mm
Write distance	1 ... 55 mm
Width	max. 55 mm
Operating distance	maximum: 70 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	
Protection degree	IP67
Connection	M12 x 1 connector
Material	
Housing	PBT/stainless steel
Encapsulation compound	Fermadur
Installation	not embeddable
Distance between two heads	Multiplex on: ≥ 50 mm Multiplex off: ≥ 270 mm
Mass	approx. 75 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
Protection degree	EN 60529

Subject to modifications without notice

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