## Dimensions



## Electrical connection



| | |
|---|---|
| 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
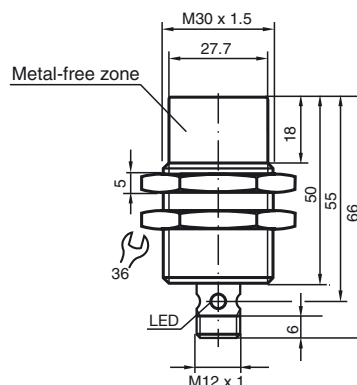- Protection degree IP67

## Accessories

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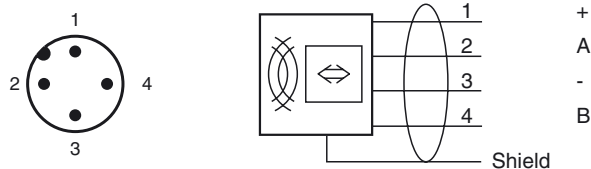Connecting cable, M12 to M12, PUR cable 4-pin, shielded

**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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