



### Model Number

**IPH-F61-V1**

Read/write head  
for IDENTControl

### Features

- Particularly flat construction
- Connection cable with V1 plug (M12 x 1)
- Protection degree IP67
- Can be mounted on metal

### Accessories

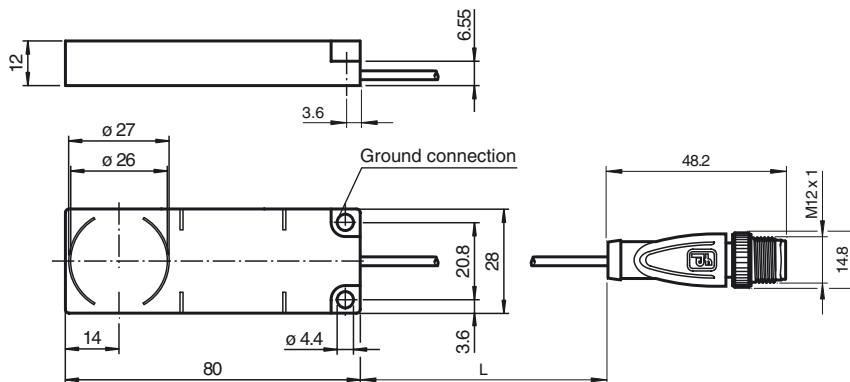
**V1-G-5M-PUR-ABG-V1-W**

Connection cable

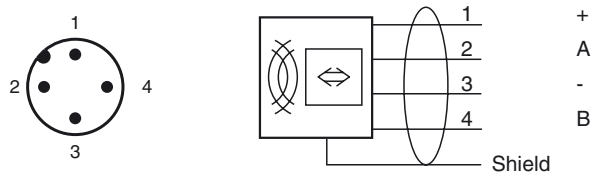
**V1-G-10M-PUR-ABG-V1-W**

Connection cable

### Dimensions



### Electrical connection



### Technical data

#### General specifications

Operating frequency	125 kHz
Transfer rate	2 kBit/s
Sensing range	
Reading distance	2 ... 45 mm
Writing distance	2 ... 35 mm
Width	max. 65 mm
Operating distance	maximum: 70 mm
UL File Number	E87056

#### Electrical specifications

Power consumption	$P_0$	$\leq 1.2$ W
Supply		from the IDENTControl

#### Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)

#### Mechanical specifications

Protection degree	IP67
Connection	Connector M12 x 1
Material	
Housing	ABS
Encapsulation compound	CY 221/HY 2966
Installation	
Distance between two heads	Multiplex on: $\geq 50$ mm Multiplex off: $\geq 290$ mm
Mass	approx. 50 g
Cable length	20 cm

#### 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