

**Model Number****IQH-18GM-V1**

Read/write head  
for IDENTControl

**Features**

- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- Read/write head with thread M18 x 1
- Connection via plug connection V1 (M12 x 1)
- Multihole-LED for function display
- Protection degree IP67

**Accessories****IQC21-50P**

RFID Transponder

**IQC21-58**

RFID Transponder

**IQC22-C1**

RFID Transponder

**IQC22-C4**

RFID Transponder

**IQC22-C5**

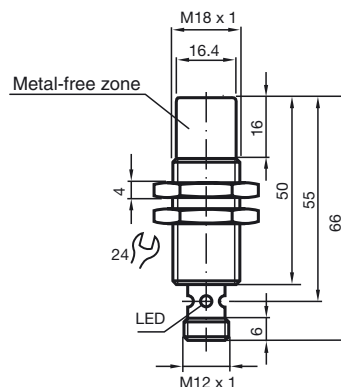
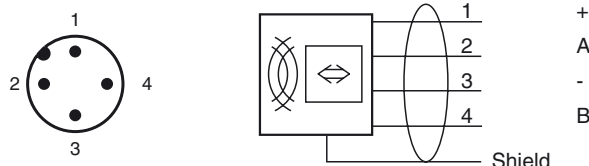
RFID Transponder

**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	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Reading distance	0 ... 55 mm
Writing distance	0 ... 55 mm
Width	max. 45 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
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**Electrical specifications**

Power consumption	$P_0$ ≤ 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	PBT/stainless steel
Encapsulation compound	CY 221/HY 2966
Installation	not embeddable
Distance between two heads	Multiplex on: ≥ 30 mm Multiplex off: ≥ 80 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
Protection degree	EN 60529
RFID	ISO/IEC 15693-2, ISO/IEC 15693-3, ISO/IEC 18000-3