



### Model Number

#### **IQH1-F15-V1**

Read/write head  
for IDENTControl

### Features

- Dual-LED for function display
- Connection via V1 (M12 x 1) plug connection
- Protection degree IP67
- Including robust stainless steel mounting plate with only 2 mounting points

### Accessories

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

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

#### **IQC21-58**

Data carrier

#### **IQC21-50P**

Data carrier

#### **IQC22-C1**

Data carrier

#### **IQC22-C4**

Data carrier

#### **IQC22-22-T9**

Data carrier

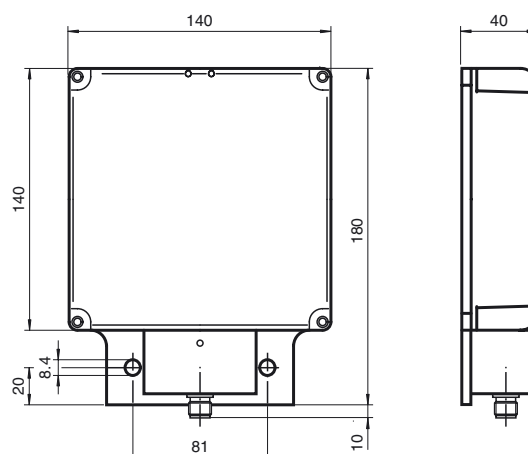
#### **IQC33-50**

Data carrier

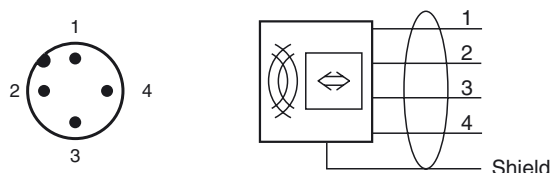
#### **IQC22-C1 UNPRINTED**

Data carrier

### Dimensions



### Electrical connection



### Technical data

#### General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Read distance	0 ... 160 mm (with transponder IQC22-C4 at 25°C)
Write distance	0 ... 160 mm (with transponder IQC22-C4 at 25°C)
Width	max. 160 mm
UL File Number	E87056 only from low voltage, limited energy source (SELV or PELV) or listed Class 2 source

#### Indicators/operating means

LED green/yellow	green: power on green flashing: read/write attempt performed yellow: data carrier detected
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#### Electrical specifications

Power consumption	$P_0$ ≤ 3.5 W
Supply	from the IDENTControl

#### Ambient conditions

Ambient temperature	-5 ... 70 °C (23 ... 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/aluminium
Encapsulation compound	WEVO 403FL/300
Installation	
Distance between two heads	Multiplex on: ≥ 100 mm Multiplex off: ≥ 350 mm
Mass	approx. 1100 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 61000-6-2:2005, EN 61000-6-4:2007
Protection degree	EN 60529:2000
RFID	ISO/IEC 15693-2:2006, ISO/IEC 15693-3:2009, ISO/IEC 18000-3