



Model Number

IQH-F100-V1

Read/write head
for IDENTControl

Features

- Operating frequency 13.56 MHz
- conformal coated with ISO 15693
- Suitable for the connection to all IDENT Control interface units
- Connection via plug connection V1 (M12 x 1)
- Protection degree IP54

Accessories

IQC21-50P

RFID Transponder

IQC21-58

RFID Transponder

IQC22-C1

RFID Transponder

IQC22-C4

RFID Transponder

IQC22-C5

RFID Transponder

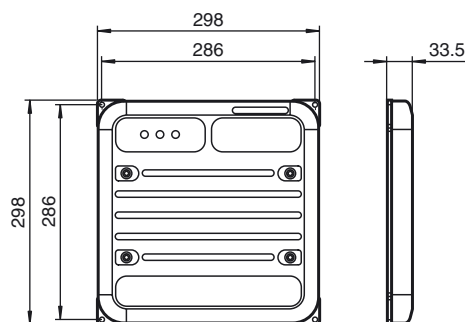
V1-G-5M-PUR-ABG-V1-W

Connection cable

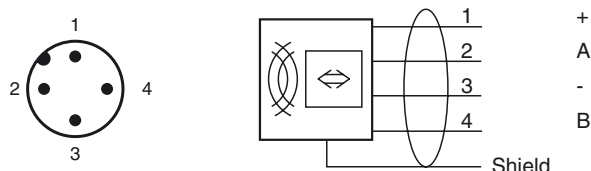
V1-G-10M-PUR-ABG-V1-W

Connection cable

Dimensions



Electrical connection



Technical data

General specifications

Operating frequency	13.56 MHz
Transfer rate	26 kBit/s
Sensing range	
Reading distance	0 ... 300 mm
Writing distance	0 ... 300 mm
Width	max. 320 mm

Indicators/operating means

LED green	Operating display
LED yellow	Data carrier read
Button	Start of adjustment
Rotary switch	Adjustment to the surroundings

Electrical specifications

Power consumption	$P_0 \leq 2 \text{ W}$
Supply	from the IDENTControl

Ambient conditions

Ambient temperature	-20 ... 70 °C (253 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)

Mechanical specifications

Protection degree	IP54
Connection	Connector M12 x 1
Material	
Housing	ABS, black
Installation	
Distance between two heads	Multiplex on: $\geq 180 \text{ mm}$ Multiplex off: $\geq 500 \text{ mm}$
Mass	approx. 1000 g
Cable length	20 cm

Compliance with standards and directives

Directive conformity	
R&TTE Directive 1995/5/EC	EN 301489-1, EN 301489-3, EN 300330-2, EN 60950-1
Standard conformity	
Electromagnetic compatibility	EN 61326
Protection degree	EN 60529
RFID	ISO/IEC 15693-2, ISO/IEC 15693-3, ISO/IEC 18000-3