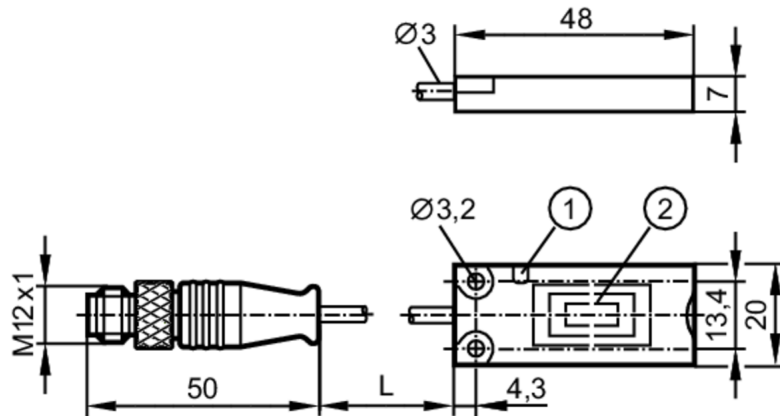




RFID read/write head HF

DTRHF KQRWIOUS03



- 1 LED
- 2 Sensing face



Application

Application	detection of objects on transport equipment
Radio approval for	EU/RED; Japan; Australia; China; Taiwan; India; Singapore; Malaysia
Note on radio approval	The list of countries applying the European Radio Equipment Directive 2014/53/EU (RED) can be found under “Downloads”.

Electrical data

Operating voltage	[V]	19.2...28.8 DC
Current consumption	[mA]	< 50
Protection class		III
Operating frequency	[MHz]	13,56
RFID standard		ISO 15693

Detection zone

Distance write/read head front [mm]	120		
Distance write/read head side [mm]	100		
Distance to the ID tag [mm]	referred to 30 mm coin tag and antenna installed on metal, I-CODE SLI	:	≤ 32

Interfaces

Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Smart Sensor: Device Identification	
SIO mode	no	
Required master port type	A	
Supported DeviceIDs	Type of operation	DeviceID
	default	967

Operating conditions

Ambient temperature	[°C]	-20...60
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Storage temperature	[°C]	-25...80
Protection		IP 67; IP 69K

Tests / approvals

EMC	DIN EN 301489-3	
Shock resistance	EN 60068-2-27	40 g 6 ms / repetitive
	EN 60068-2-27	50 g 11 ms / not repetitive
Vibration resistance	EN 60068-2-6	20 g 10...2000 Hz
Radio approval	EN 300 330 V2.1.1	
UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	power supply	Limited Voltage/Current
	File number UL	E205959

Mechanical data

Weight	[g]	88.5
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	20 x 7 x 48
Materials		PBT; TPU; stainless steel

Displays / operating elements

Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 2 m, PUR; 3 x 0.14 mm²

Connector: 1 x M12; coding: A



DTI516



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Connection

