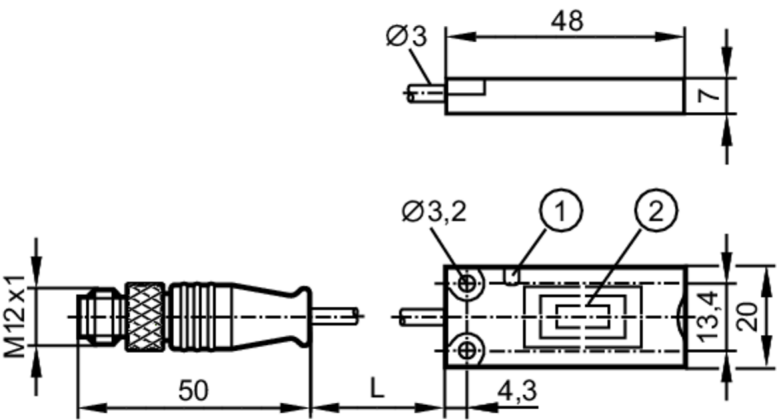




RFID read/write head HF

DTRHF KQRWIOUS03



- 1 LED
- 2 Sensing face



Application			
Application		detection of objects on transport equipment	
Radio approval for		Europe; USA; Canada; Japan; Australia; China; Taiwan; India	
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	
IO-Link device ID		967 d / 00 03 C7 h	
Profiles		Smart Sensor: Device Identification	
SIO mode		no	
Required master port type		A	
Operating conditions			
Ambient temperature		[°C]	-20...60
Storage temperature		[°C]	-25...80
Protection		IP 67; IP 69K	



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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
	voltage supply	Limited Voltage/Current
	File number UL	E205959
Mechanical data		
Weight	[g]	77.5
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.	
Electrical connection		
Cable: 1 m, PUR; 3 x 0.14 mm²		
Connector: 1 x M12		
		

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Connection

