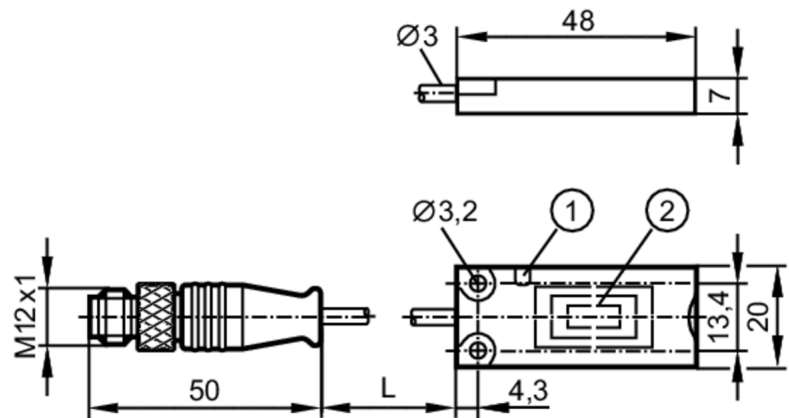


DTI516



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; USA; Canada; Malaysia; Brazil; Mexico; New Zealand; South Korea; Vietnam		
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]	18...30 DC	
Current consumption	[mA]	< 60	
Protection class		III	
Operating frequency	[MHz]	13,56	
RFID standard		ISO 15693	
Detection zone			
Distance write/read head front	[mm]	170	
Distance write/read head side	[mm]	160	
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



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Operating conditions		
Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Protection		IP 67; IP 69K
Tests / approvals		
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
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.
Electrical connection - plug		
Connector: 1 x M12; coding: A		

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Electrical connection - Cable

Cable: 2 m, PUR; 3 x 0.14 mm²

Connection

