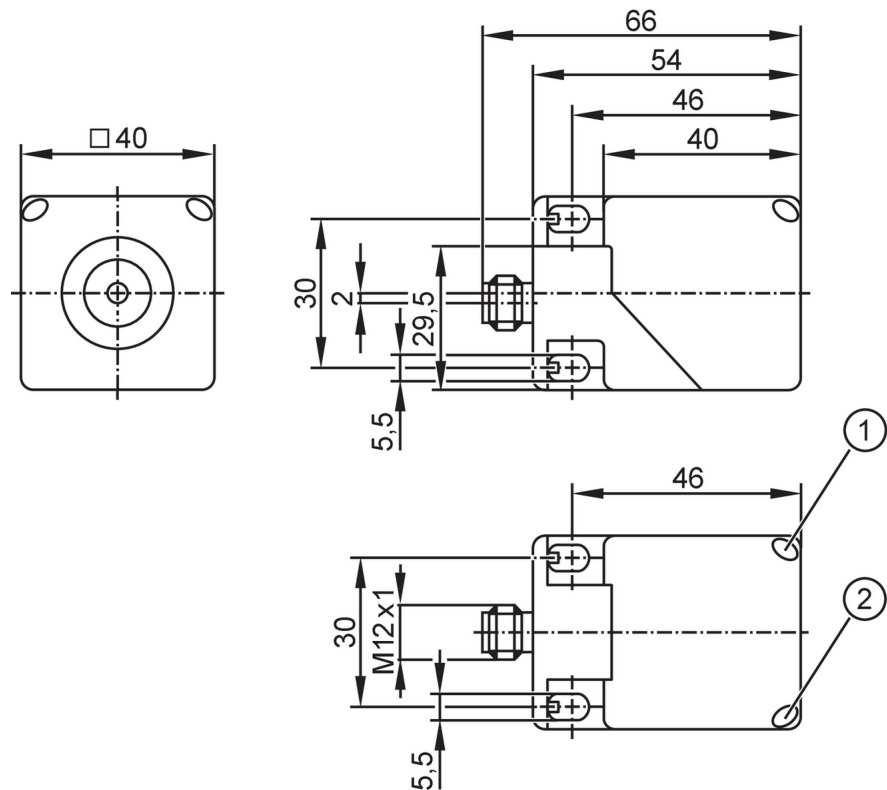


DTI513



RFID read/write head HF

DTRHF MCRWIOUS03



- 1 LED yellow
- 2 LED green



Application					
Application		Detection of objects on transport equipment			
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Malaysia; Brazil; New Zealand; South Korea; Vietnam; Indonesia			
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		
Monitoring range					
Distance to the ID tag		[mm]	Reading	:	≤ 60
			static		
			referred to 30 mm coin tag; I-CODE SLI		
Interfaces					
Communication interface		IO-Link			
Transmission type		COM2 (38,4 kBaud)			
IO-Link revision		1.1			
SDCI standard		IEC 61131-9			



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Profiles	Smart Sensor - SSP 0	Generic Profiled Sensor
	Function	Device identification
SIO mode		no
Required master port class		A
Min. process cycle time [ms]		22
Supported DeviceIDs	Type of operation	DeviceID
	default	967

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
MTTF [years]		567
UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	File number UL	E205959

Mechanical data		
Weight [g]		175.55
Housing		rectangular
Mounting		flush mountable
Dimensions [mm]		40 x 40 x 54
Material		housing: PA; metal parts: stainless steel

Displays / operating elements		
Display	Power	1 x LED, green
	tag communication	1 x LED, yellow

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



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Connection

