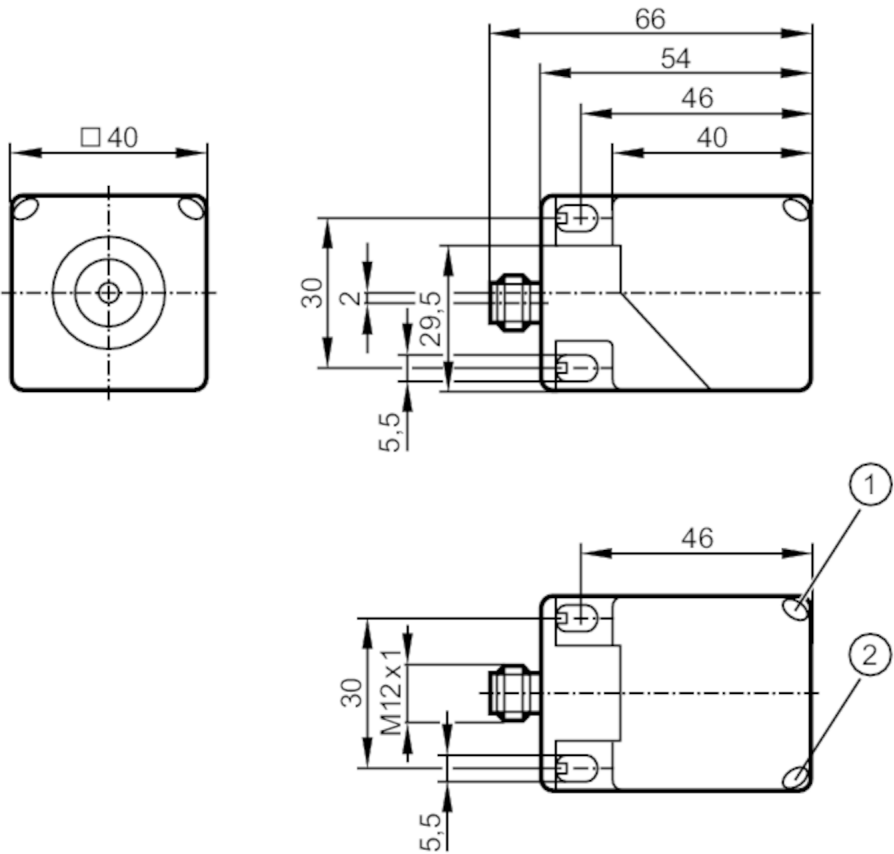


DTI513



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; 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]	19.2...28.8 DC		
Current consumption		[mA]	< 50		
Protection class			III		
Operating frequency		[MHz]	13,56		
RFID standard			ISO 15693		
Detection zone					
Distance to the ID tag		[mm]	read	:	≤ 60
			static		
			referred to 30 mm coin tag; I-CODE SLI		
Interfaces					
Communication interface		IO-Link			



RFID read/write head HF

DTRHF MCRWIOUS03

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
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
	power supply	Limited Voltage/Current
	File number UL	E205959

Mechanical data		
Weight	[g]	192
Housing		rectangular
Mounting		flush mountable
Dimensions	[mm]	40 x 40 x 54
Materials		housing: PA; metal parts: stainless steel

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

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



DTI513



RFID read/write head HF

DTRHF MCRWIOUS03

Connection

