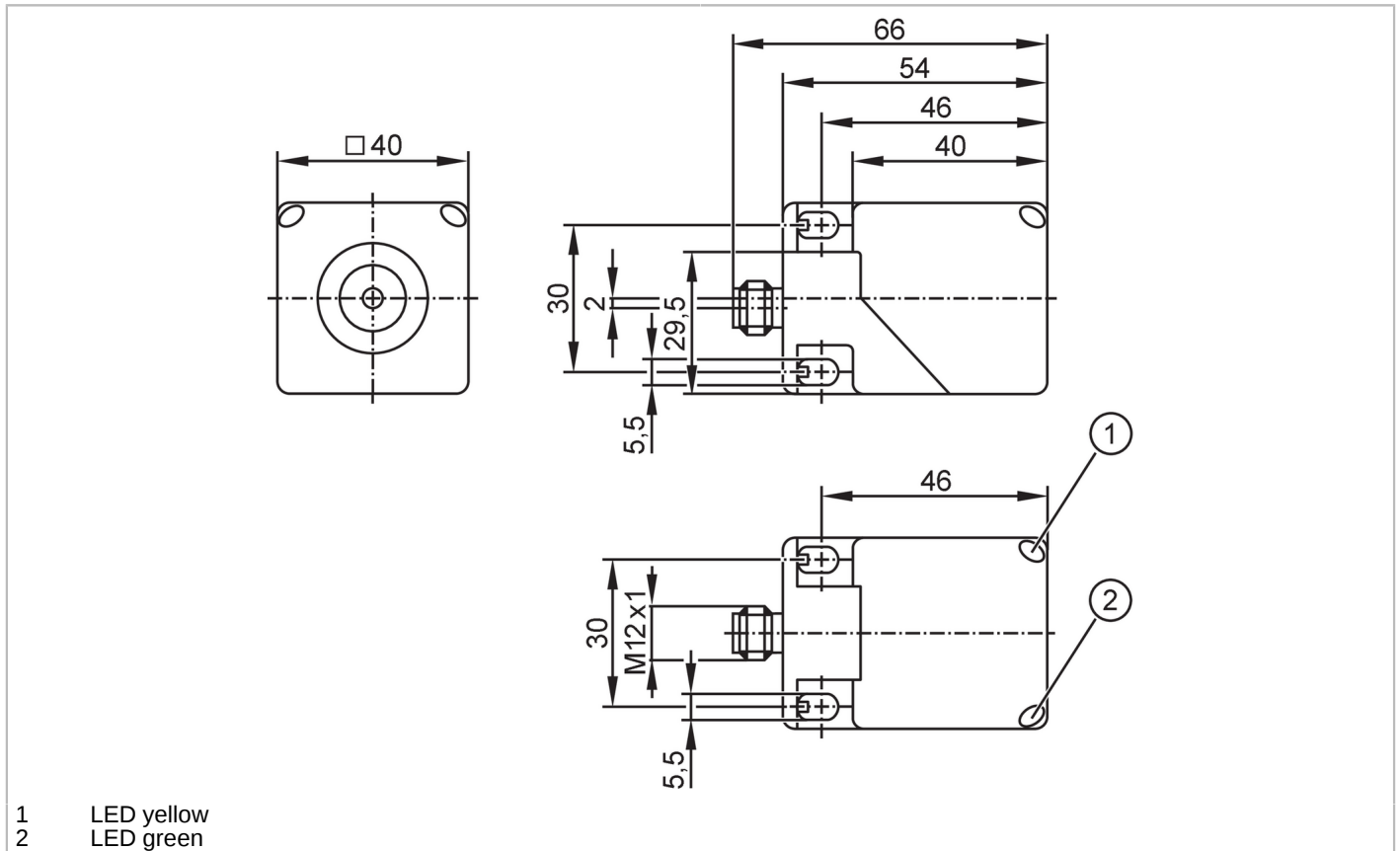


# DTI513



## RFID read/write head HF

DTRHF MCRWIOUS03



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; 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	
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		
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
SIO mode		no
Required master port type		A
Min. process cycle time [ms]		22
Supported DeviceIDs	<b>Type of operation</b>	<b>DeviceID</b>
	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]		175.55
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		

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### Connection

