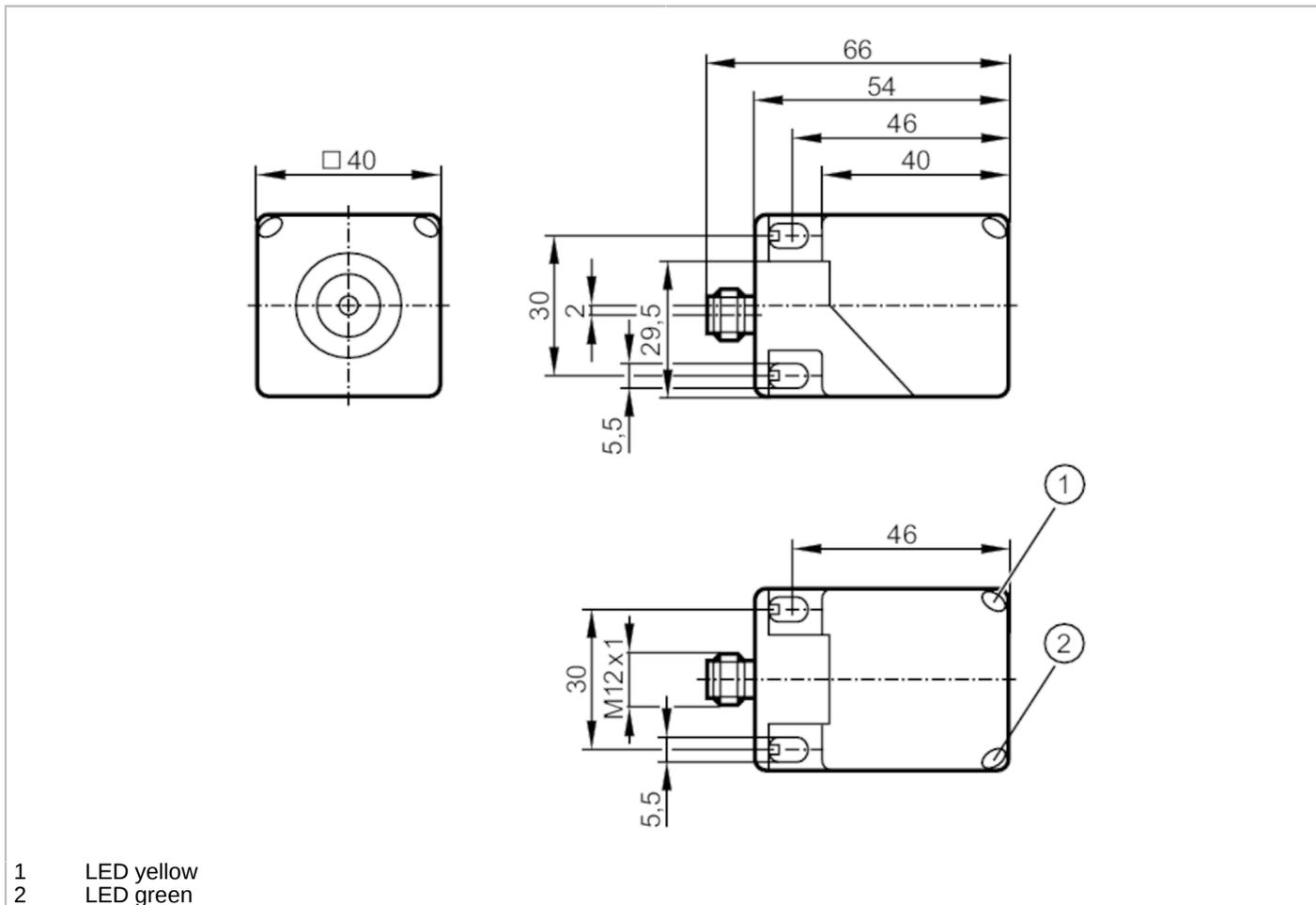


# DTI513



## 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; 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
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Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
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	<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
	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



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### Connection

