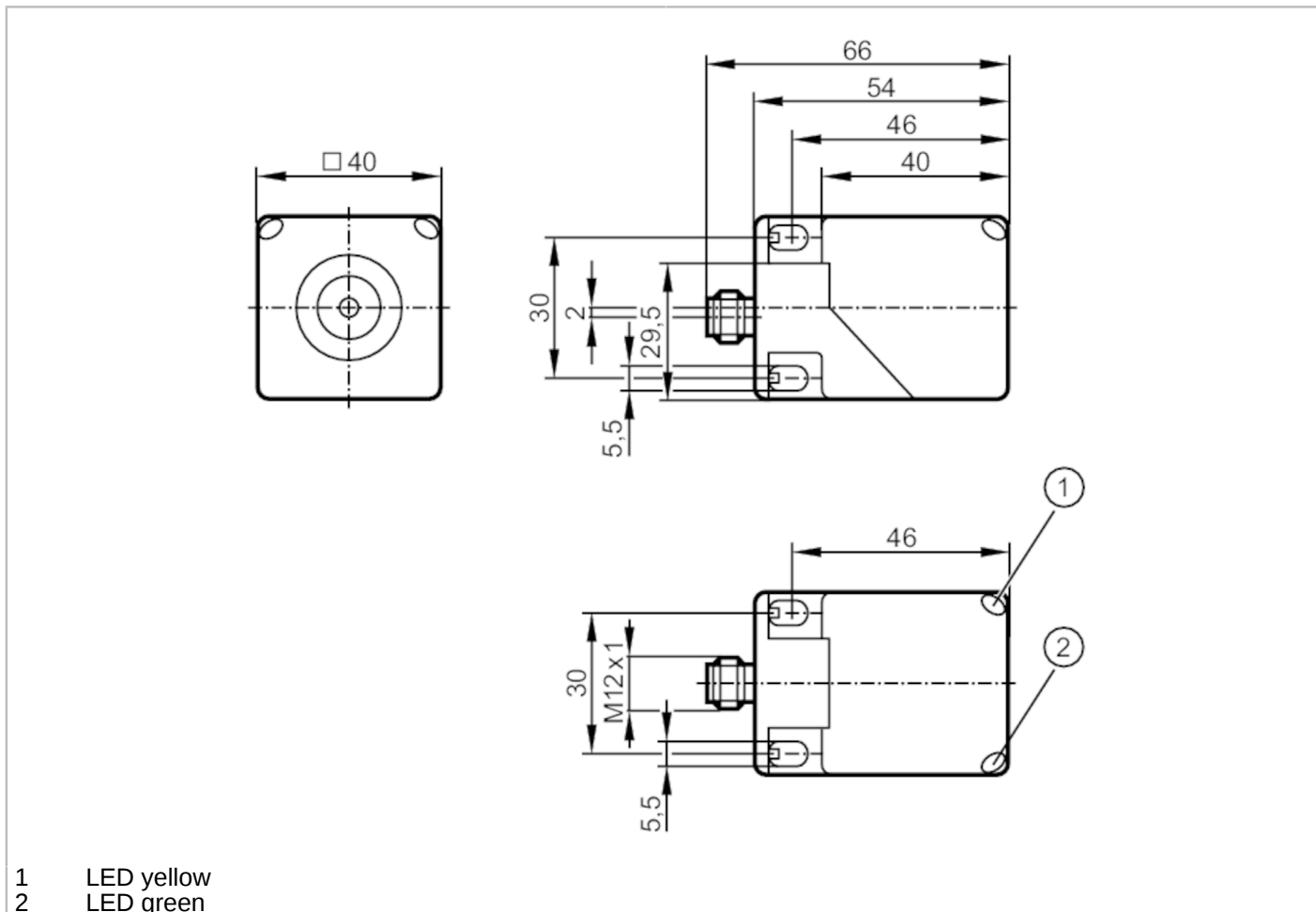


DTI513



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		
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		

DTI513



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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

Operating conditions		
Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Protection	IP 67; IP 69K	

Tests / approvals		
EMC	DIN EN 301489-3	
	EN 60068-2-27	40 g 6 ms / repetitive
Shock resistance	EN 60068-2-27	50 g 11 ms / not repetitive
	EN 60068-2-6	20 g 10...2000 Hz
Vibration resistance	EN 300 330 V2.1.1	
Radio approval	Ta	-20...60 °C
	Enclosure type	Type 1
	voltage 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		
		

DTI513



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Connection

