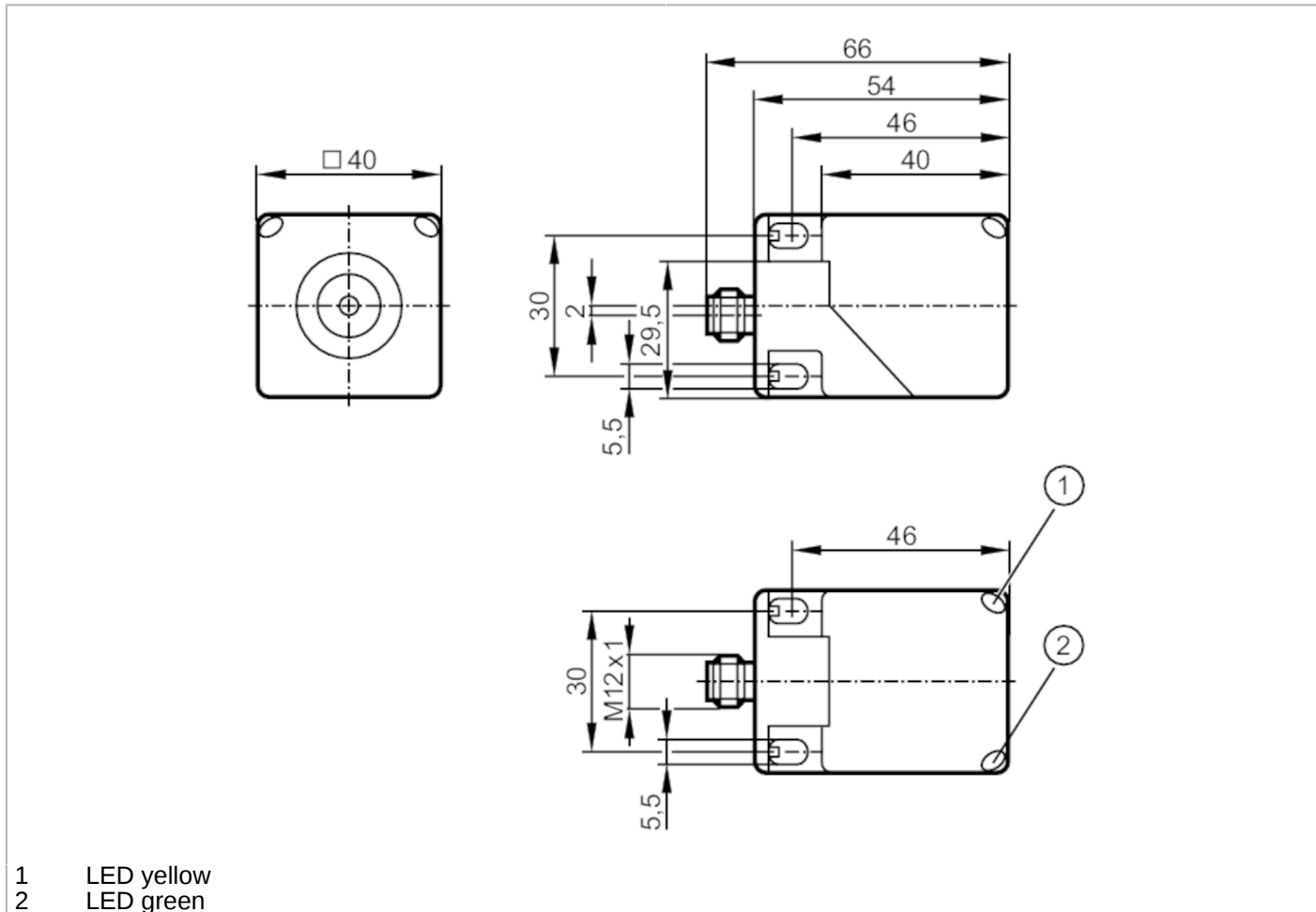


DTI513



RFID read/write head HF

DTRHF MCRWIOUS03



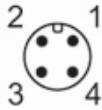
Application			
Application	detection of objects on transport equipment		
Radio approval for	Europe; USA; Canada; Japan; Australia; China; Taiwan; India; Singapore		
Electrical data			
Operating voltage	[V]	19.2...28.8 DC	
Current consumption	[mA]	< 50	
Protection class		III	
Operating frequency	[MHz]	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	

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RFID read/write head HF

DTRHF MCRWIOUS03

Interfaces		
Communication interface	IO-Link	
Transmission type	COM2 (38.4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
IO-Link device ID	967 d / 00 03 C7 h	
Profiles	Smart Sensor: Device Identification	
SIO mode	no	
Required master port type	A	
Operating conditions		
Ambient temperature [°C]	-20...60	
Storage temperature [°C]	-25...80	
Protection	IP 67; IP 69K	
Tests / approvals		
EMC	DIN EN 301489-3	
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
Radio approval	EN 300 330 V2.1.1	
UL 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



RFID read/write head HF

DTRHF MCRWIOUS03

Connection

