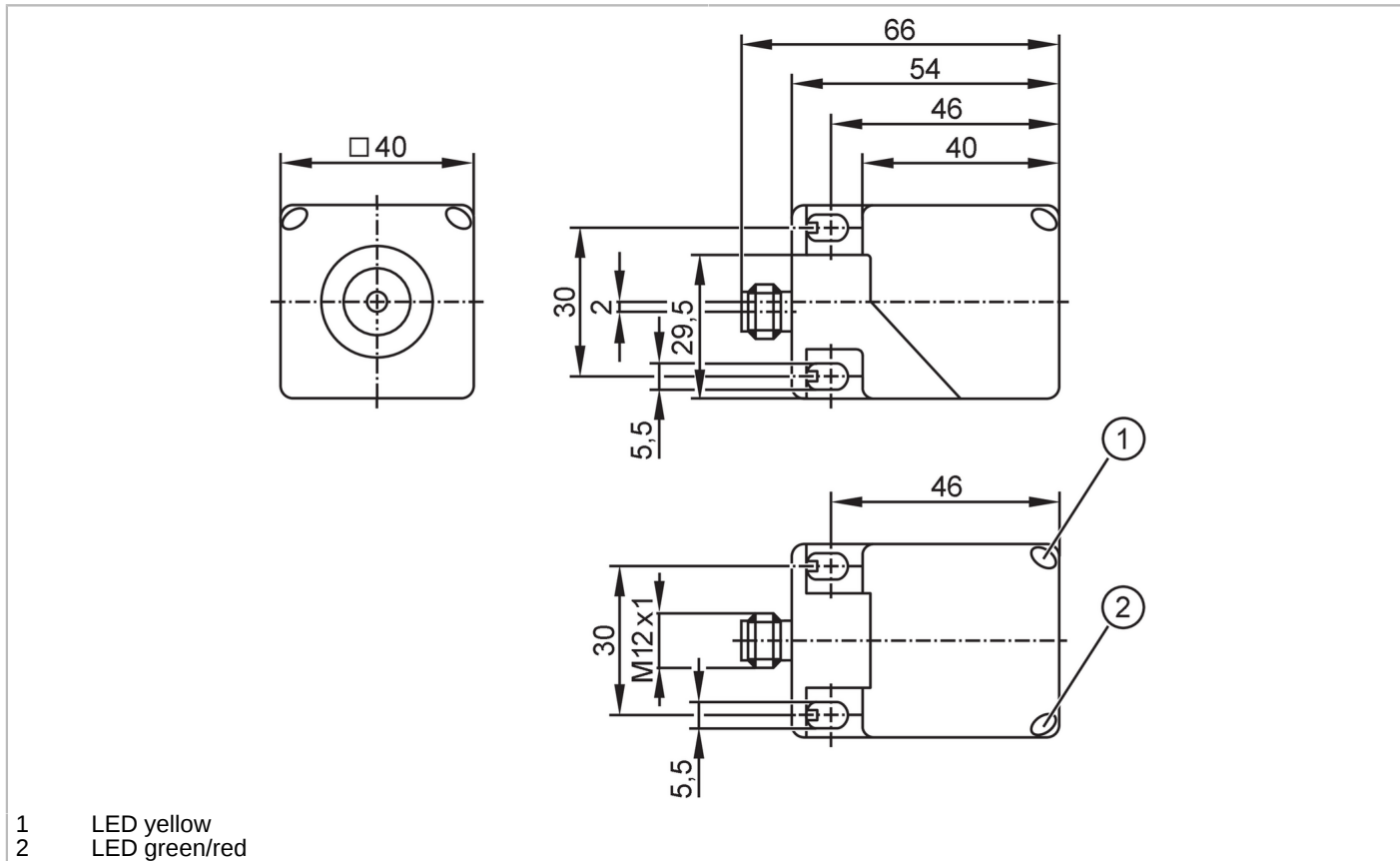


# DTC510



## RFID read/write head HF

DTCHF MCRWCOUS03



### Application

Radio approval for	USA; Canada; EU/RED; Australia; Japan; Taiwan; India; Singapore; China; South Korea; Argentina
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]	9...32 DC
Current consumption [mA]	≤ 50 (24 V) / ≤ 80 (12 V)
Protection class	III
Operating frequency [MHz]	13,56
RFID standard	ISO 15693

### Monitoring range

Distance to the ID tag [mm]	≤ 60
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### Interfaces

Communication interface	CAN
CAN	
Protocol	CANopen

### Operating conditions

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

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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]	484
Mechanical data		
Weight	[g]	180
Housing		rectangular
Sensing face		5 positions selectable
Dimensions	[mm]	40 x 40 x 54
Material		housing: PA; metal parts: stainless steel
Displays / operating elements		
Display	Preoperational Mode	1 x LED, green lights
	Operational Mode	1 x LED, green flashing
	tag communication	1 x LED, yellow lights
	errors	1 x LED, red flashing
Remarks		
Remarks	For the distances to other ID tags see the respective data sheet (E803xx)	
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12, rotatable, locking; coding: A		
1	not used	
2	U+	
3	ground	
4	CAN_H	
5	CAN_L	