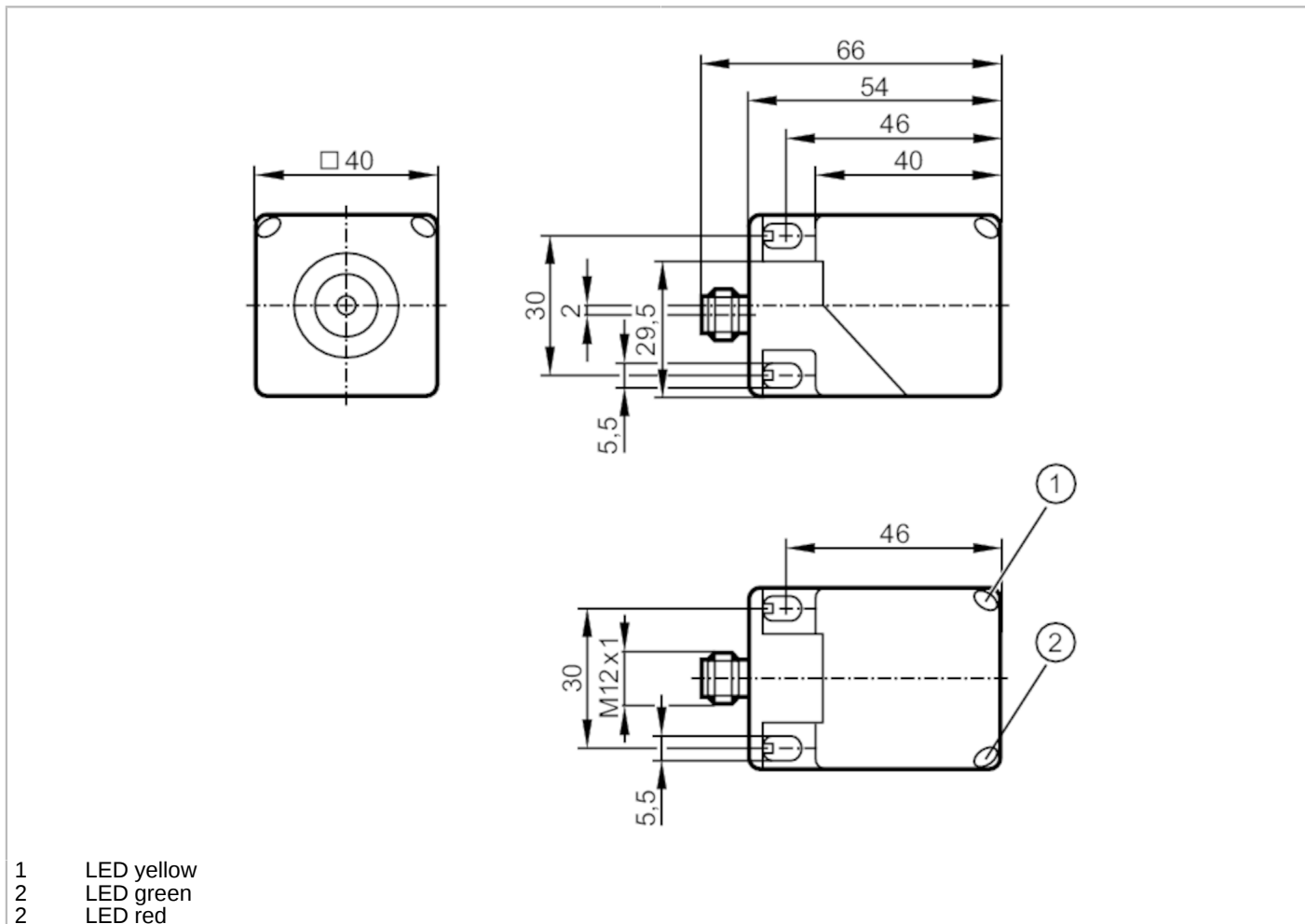


DTC510



RFID read/write head HF

DTCHF MCRWCOUS03



Application	
Radio approval for	USA; Canada; EU/RED; Australia; Japan; Taiwan; India; Singapore; China; South Korea; Israel
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
Interfaces	
Communication interface	CAN
CAN	
Protocol	CANopen

DTC510



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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

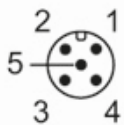
Mechanical data		
Weight	[g]	180
Housing		rectangular
Sensing face		5 positions selectable
Dimensions	[mm]	40 x 40 x 54
Material		housing: PA; metal parts: stainless steel

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