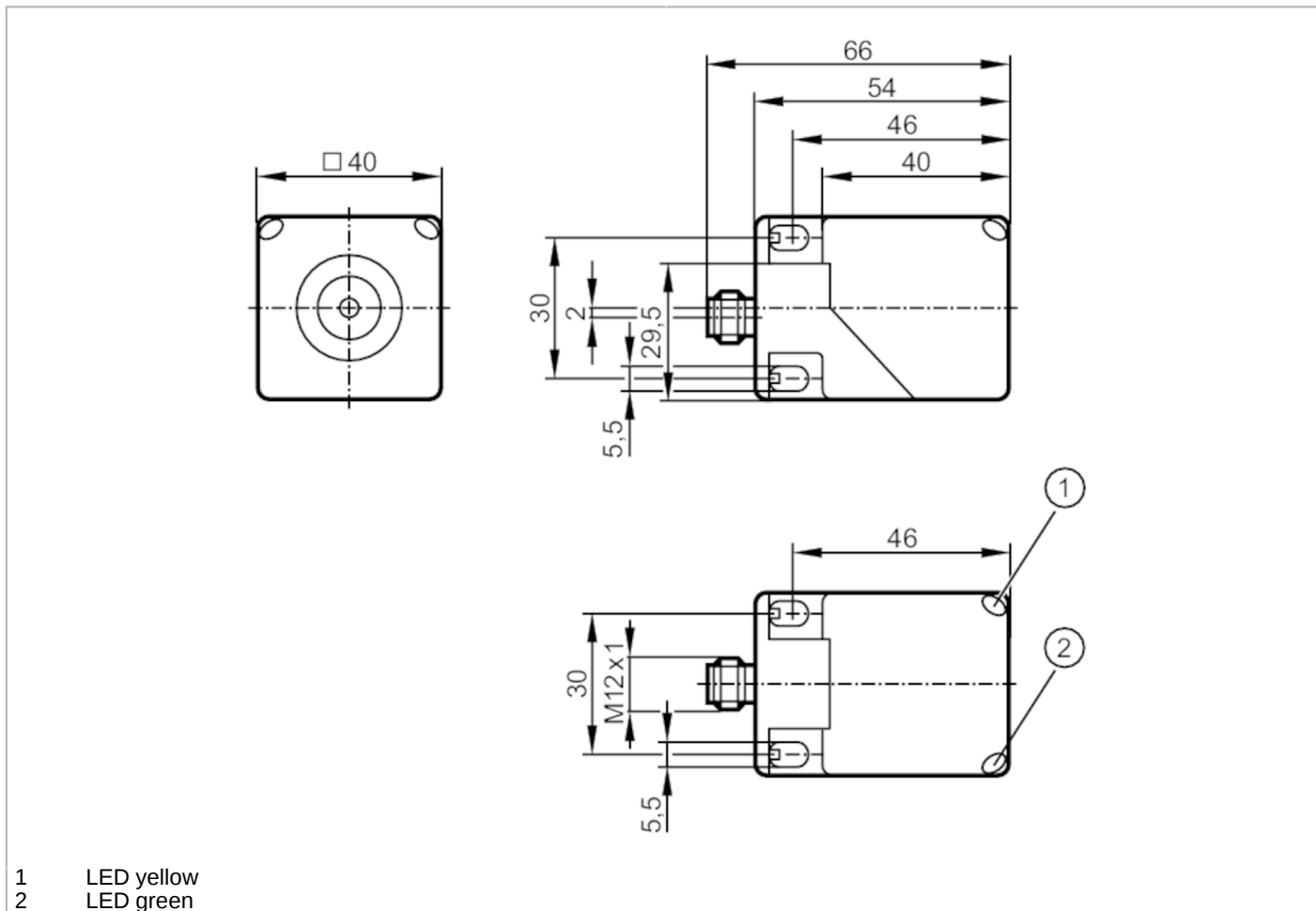


ANT513



RFID read/write head HF

DTRHF MCRWIDUS03



Application

Application	Detection of objects on transport equipment
Radio approval for	USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; South Korea; Singapore; Ukraine; Malaysia; Brazil; Mexico; New Zealand; Vietnam
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]	24 DC
Current consumption [mA]	< 50
Protection class	III
Operating frequency [MHz]	13,56
RFID standard	ISO 15693

Monitoring range

Travel speed [m/s]	< 1
Distance write/read head front [mm]	250
Distance write/read head side [mm]	300

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Distance to the ID tag	[mm]	Reading	:	≤ 60
		static		
		Writing	:	≤ 60
		static		
		reference tag	:	E80370

Interfaces

Communication interface	DATA / DTE10x
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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 60068-2-29	40 g 6 ms
	EN 60068-2-27	50 g 11 ms
Vibration resistance	EN 60068-2-6	20 g 10...55 Hz
MTTF	[years]	557

Mechanical data

Weight	[g]	165.55
Housing		rectangular
Sensing face		5 positions selectable
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

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



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Connection

