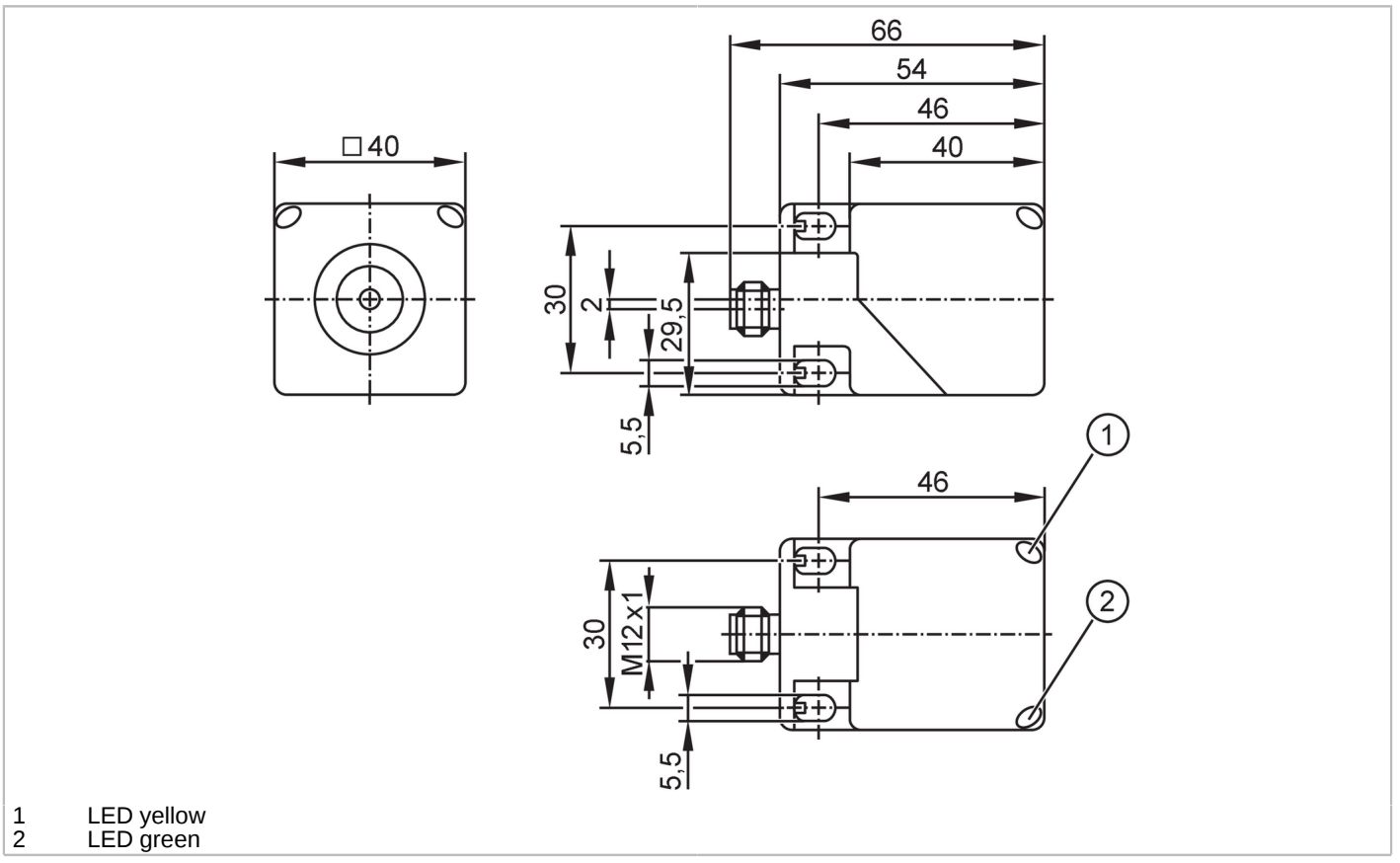
ANT513

RFID read/write head HF

DTRHF MCRWIDUS03



1 LED yellow
2 LED green

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; 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
Detection zone			
Travel speed	[m/s]		< 1
Distance write/read head front	[mm]		250
Distance write/read head side	[mm]		300
Distance to the ID tag	[mm]	read	: ≤ 60
		static	
		write	: ≤ 60
		static	
		reference tag	: E80370

ANT513

RFID read/write head HF

DTRHF MCRWIDUS03

Interfaces			
Communication interface		DATA / DTE10x	
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	
Materials		housing: PA; metal parts: stainless steel	
Displays / operating elements			
Display		operation	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; Contacts: 4



Connection

