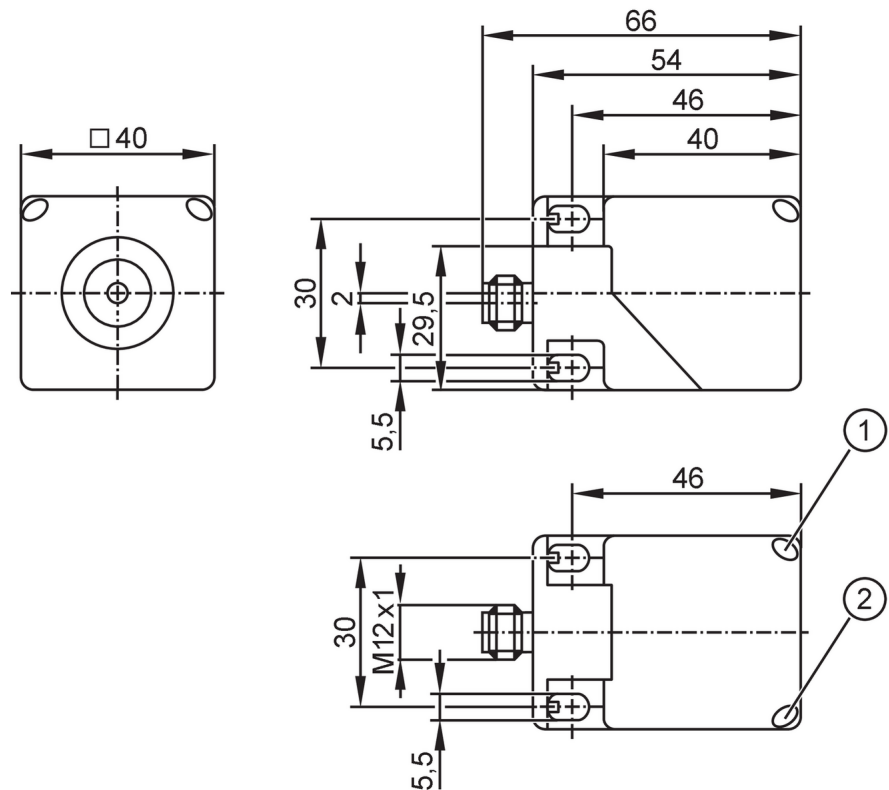


ANT513



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; 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		
Distance to the ID tag	[mm]	Reading	:	≤ 60
		static		
		Writing	:	≤ 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
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; Contacts: 4		
		

Connection	
