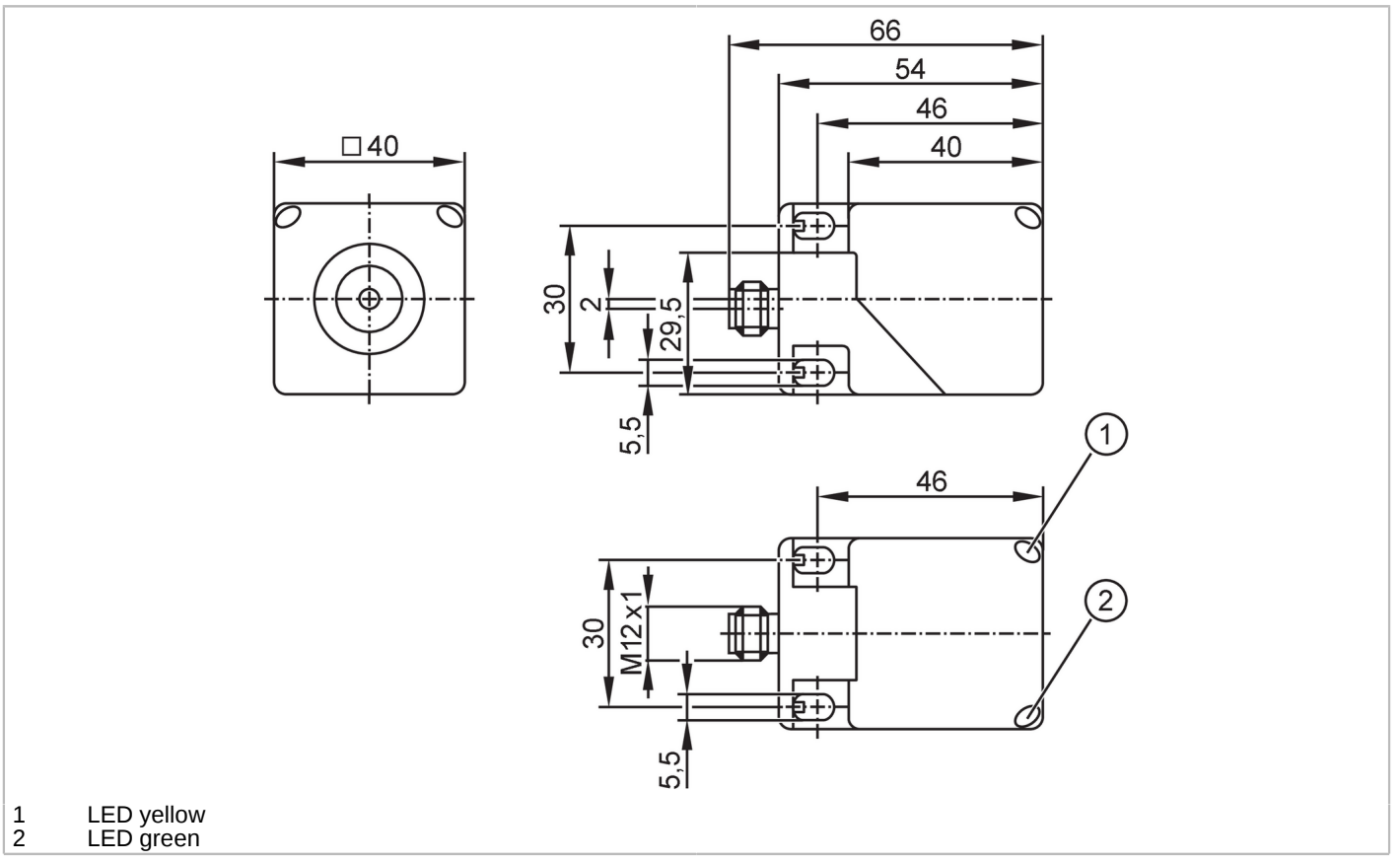
ANT512

RFID read/write head LF

DTRLF MCRWIDUS01



1 LED yellow
2 LED green

Application				
Application			detection of objects on transport equipment	
Radio approval for			USA; Canada; EU/RED; Australia; China; Taiwan; India; South Korea; Singapore; Malaysia; Great Britain; New Zealand; Mexico; Brazil; Indonesia	
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]		0,125	
Detection zone				
Travel speed	[m/s]		< 0.5	
Distance write/read head front	[mm]		400	
Distance write/read head side	[mm]		400	
Distance to the ID tag	[mm]	read	:	≤ 60 (static)
		write	:	≤ 55 (static)
		reference tag	:	E80360
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]	536	

Mechanical data			
Weight	[g]	185	
Housing		rectangular	
Sensing face		5 positions selectable	
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

