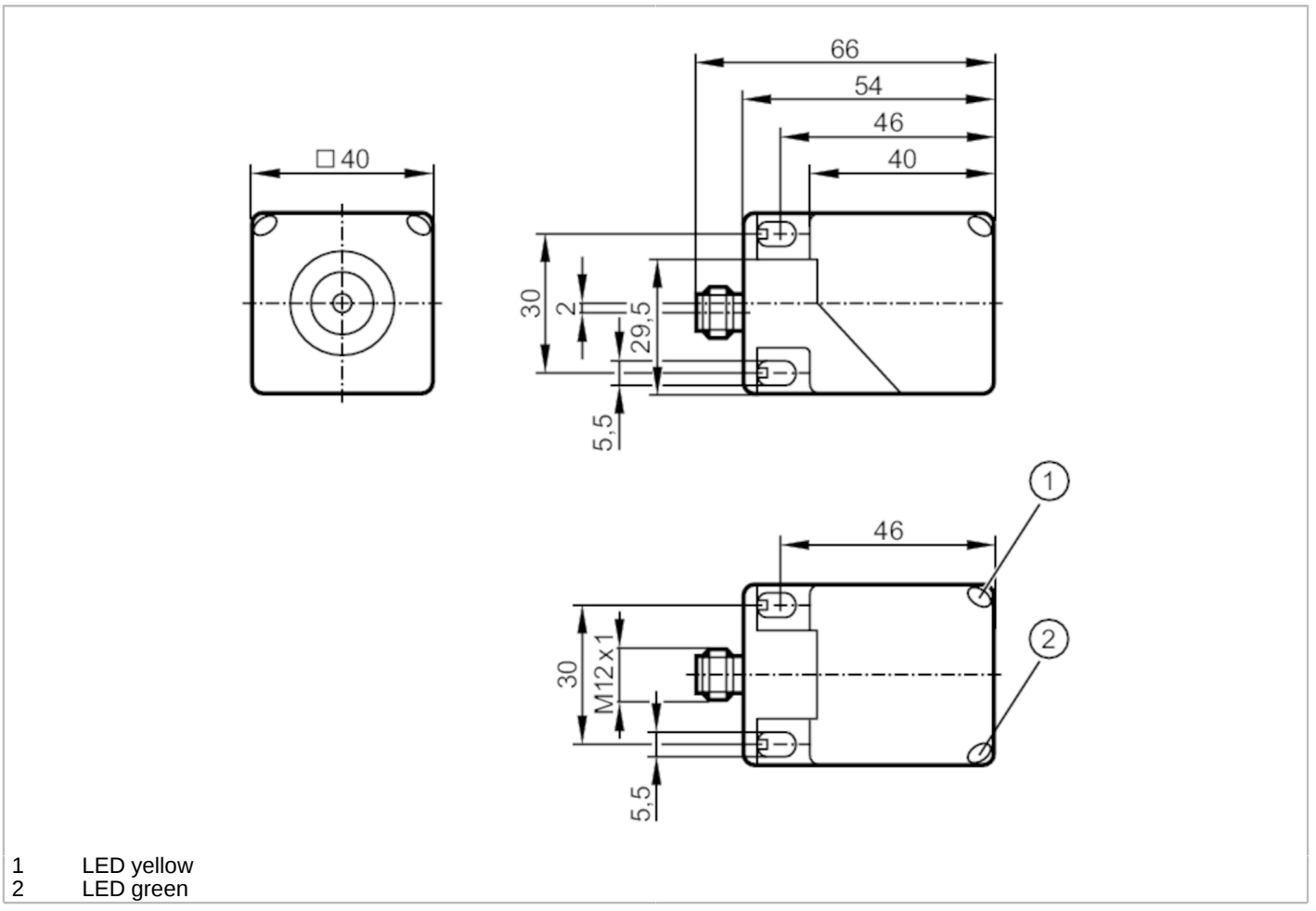
ANT512

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; United Kingdom; New Zealand
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

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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]	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

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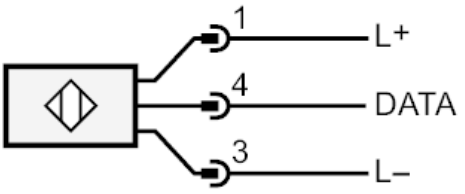
Connection