

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
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



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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
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





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Connection

