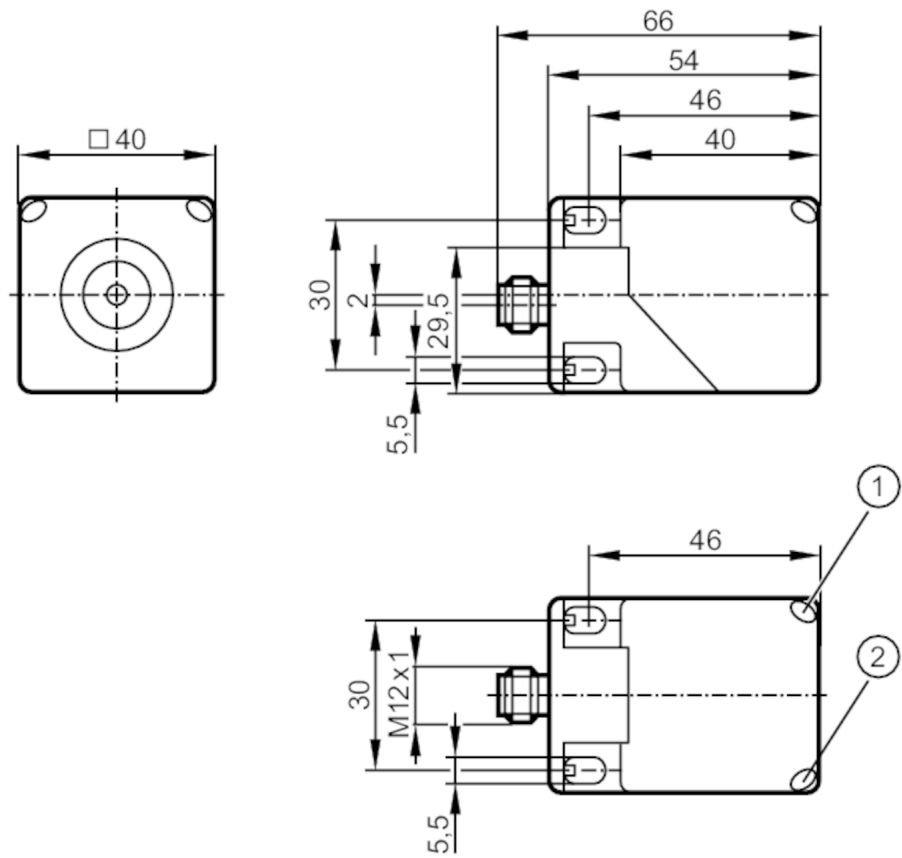


DTA201



RFID read/write antenna with AS-Interface

DTSLF MCROASUS01



- 1 LED yellow/red
- 2 LED green



Application

Application	Detection of objects on transport equipment
Radio approval for	USA; Canada; EU/RED; Australia; Singapore; China
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]	26.5...31.6 DC
Current consumption	[mA]	< 75
Protection class		III
Operating frequency	[MHz]	0,125

Outputs

Electrical design	AS-i
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Monitoring range

Travel speed	[m/s]	< 0.5
Distance read/read head front		150
Distance read/read head side		150

DTA201



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Note on distance read/read head	based on	:	
	Read/write antenna		DTA200
	Read head		DTA201
Distance write/read head front [mm]	300		
Distance write/read head side [mm]	300		
Note on distance write/read head	based on	:	
	Read/write antenna		DTA200
	Read head		DTA201
Distance to the ID tag [mm]	Reading	:	≤ 55
	static		

Interfaces

Communication interface	AS-i
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Operating conditions

Ambient temperature [°C]	-20...60
Storage temperature [°C]	-25...80
Protection	IP 67; IP 69K

Tests / approvals

EMC	EN 50295	1999-03
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]	456	

AS-i classification

AS-i I/O configuration [hex]	7
AS-i ID code [hex]	3
AS-i certificate	87202

Mechanical data

Weight [g]	168.4
Housing	rectangular
Sensing face	5 positions selectable
Dimensions [mm]	40 x 40 x 54
Material	PA

Displays / operating elements

Display	Operating voltage	1 x LED, green
	tag communication	1 x LED, yellow
	error in AS-i data communication	1 x LED, red

Remarks

Remarks	For the distances to other ID tags see the respective data sheet (E803xx)
Pack quantity	1 pcs.



RFID read/write antenna with AS-Interface

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Electrical connection

Connector: 1 x M12, rotatable, locking; coding: A



Connection

