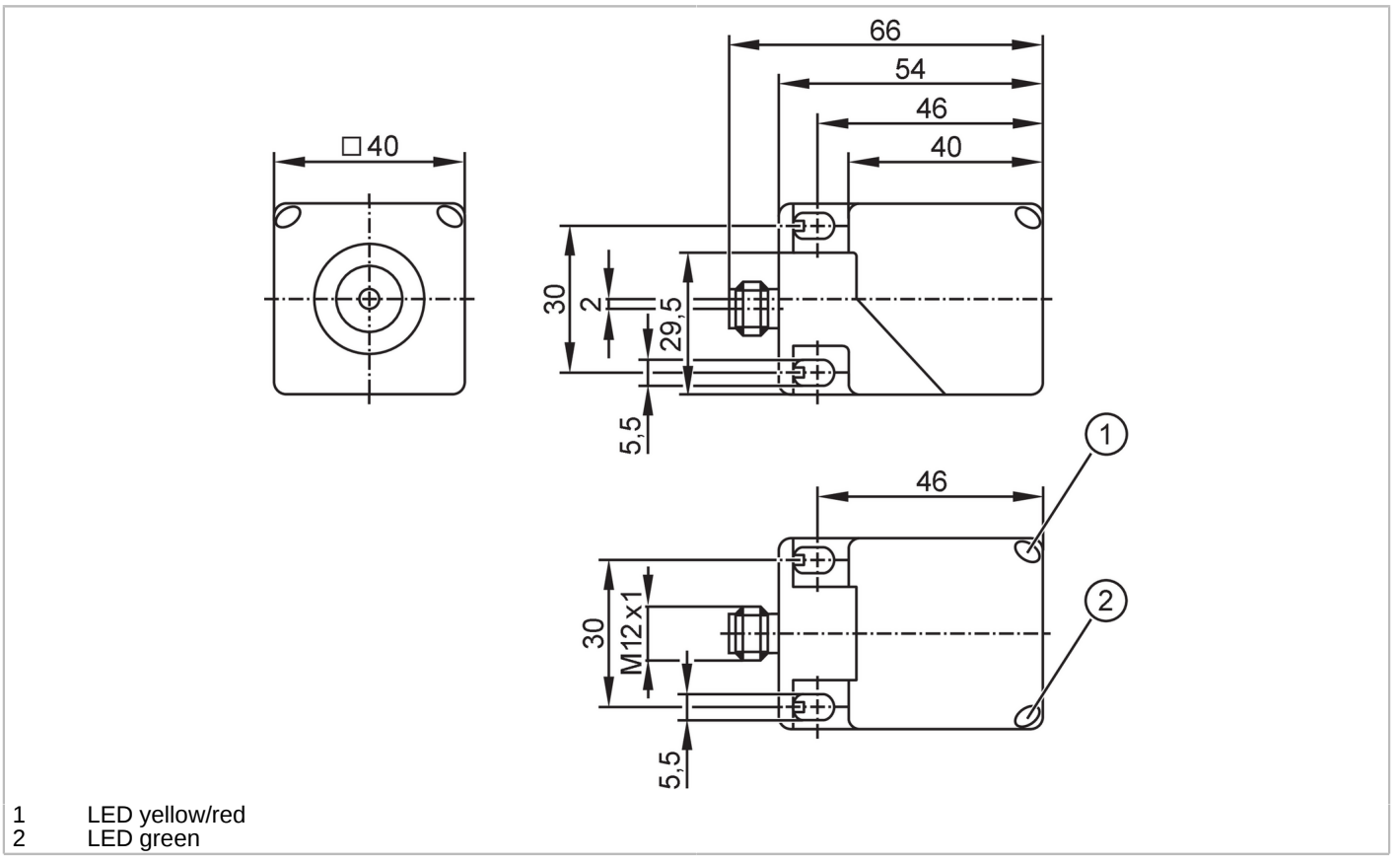
DTA201

RFID read/write head with AS-Interface

DTSLF MCROASUS01



1 LED yellow/red
2 LED green

Application			
Application		detection of objects on transport equipment	
Radio approval for		USA; 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	
Detection zone			
Travel speed	[m/s]	< 0.5	
Distance read/read head front		150	
Distance read/read head side		150	
Note on distance read/read head		referred to	:
		Read/write head	DTA200
		Read head	DTA201
Distance write/read head front	[mm]	300	

DTA201

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

Interfaces

Communication interface		AS-i

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
Materials		PA

Displays / operating elements

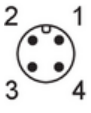
Display	Operating voltage	1 x LED, green
	tag communication	1 x LED, yellow
	error AS-i data communication	1 x LED, red

Remarks

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

Electrical connection

Connector: 1 x M12, rotatable, locking; coding: A; Contacts: 4



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Connection

