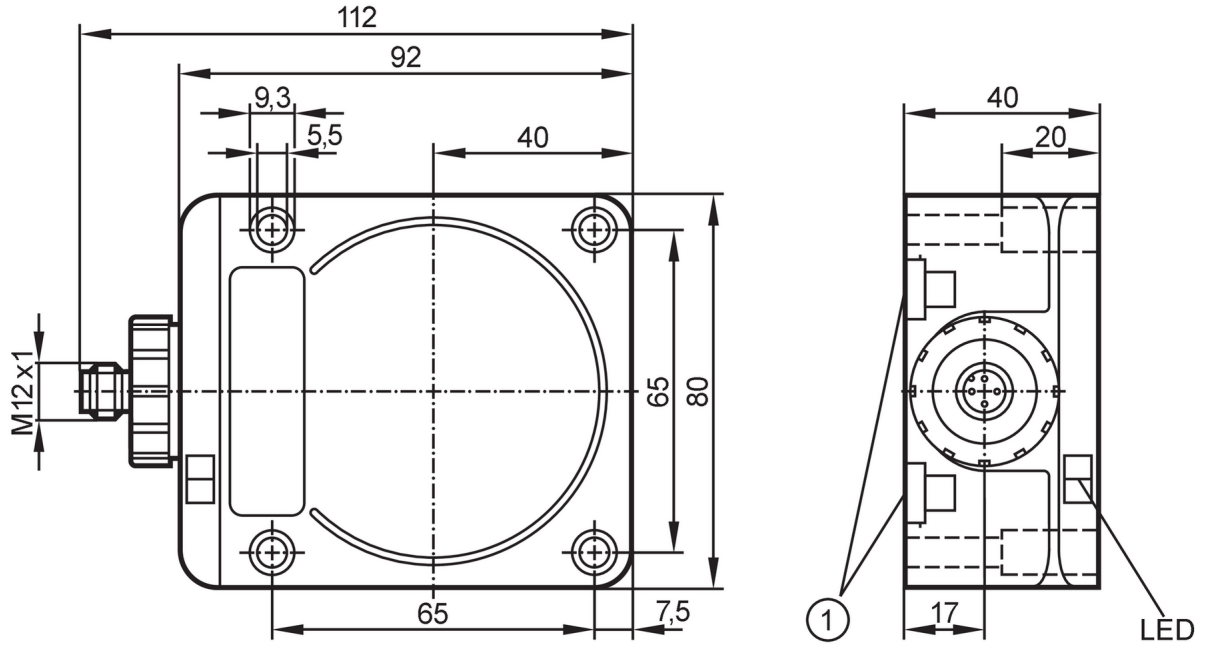
DTA300

RFID read/write head with AS-Interface

DTSLF DCRWASUS01



1 mounting on DIN rail

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]	< 65	
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		400	
Distance read/read head side		280	
Note on distance read/read head		referred to	:
		Read/write head	DTA300
		Read head	DTA301
Distance write/read head front	[mm]	500	
Distance write/read head side	[mm]	500	
Note on distance write/read head		referred to	:
		Read/write head	DTA300
		Read head	DTA301

DTA300

RFID read/write head with AS-Interface

DTSLF DCRWASUS01

Distance to the ID tag	[mm]	read	:	≤ 80
		static		

Interfaces		
Communication interface		AS-i

Operating conditions		
Ambient temperature	[°C]	-20...60
Storage temperature	[°C]	-25...80
Protection		IP 67

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]	422	

AS-i classification		
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	4
AS-i certificate		83401

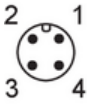
Mechanical data		
Weight	[g]	414
Housing		rectangular
Dimensions	[mm]	92 x 80 x 40
Materials		housing: PPE; metal parts: diecast zinc / brass nickel-plated

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; coding: A; Contacts: 4



DTA300

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Connection

