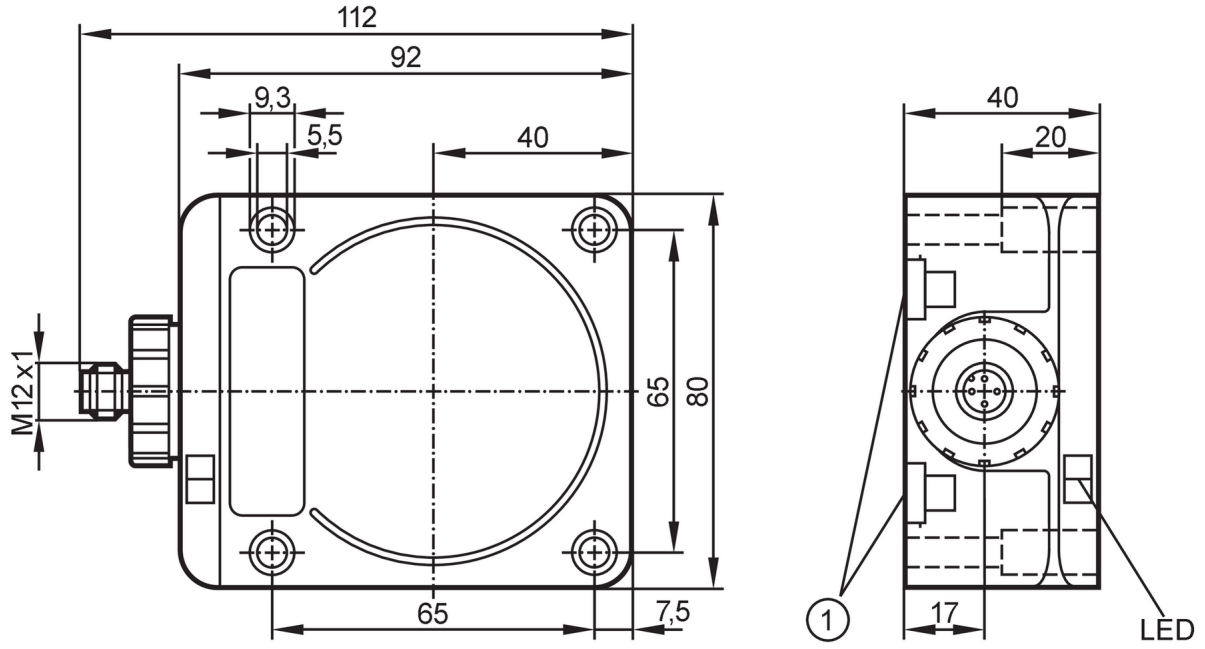
DTA301

RFID read head with AS-Interface

DTSLF DCROASUS01



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; ("supply class 2" to cULus)		
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

DTA301

RFID read head with AS-Interface

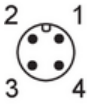
DTSLF DCROASUS01

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]	3	
AS-i certificate		83501	
Mechanical data			
Weight	[g]	413.5	
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



DTA301

RFID read head with AS-Interface

DTSLF DCROASUS01

Connection

