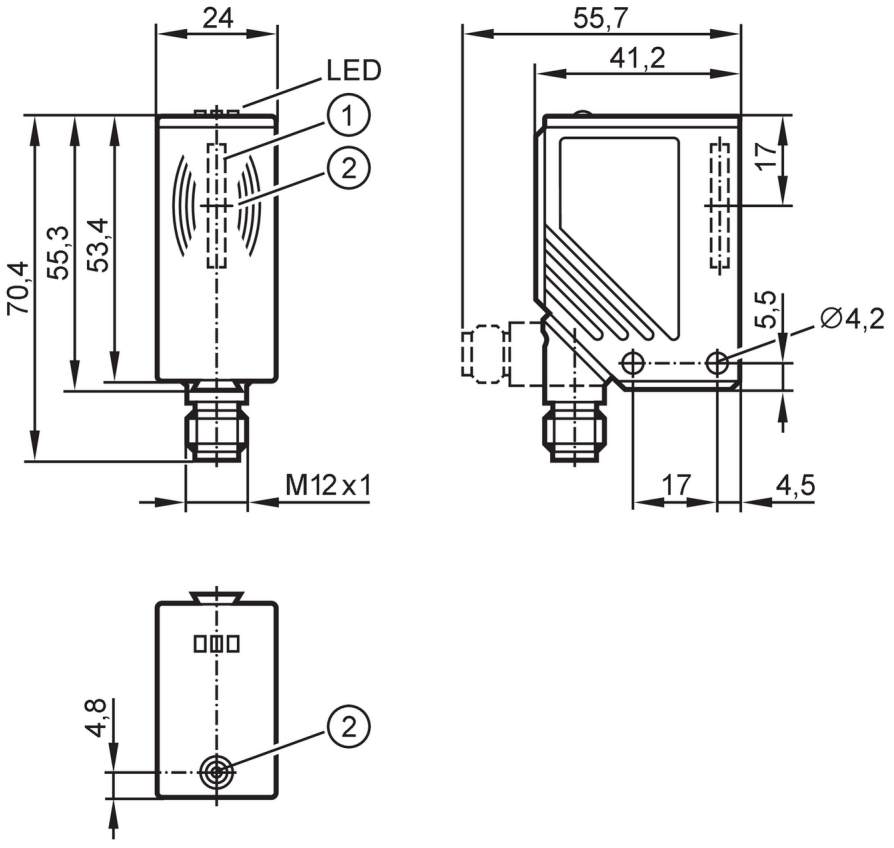
DTA101

RFID read head with AS-Interface

DTSLF AAROASUS01



1 integrated antenna
2 tag position mark middle of the antenna

Application			
Application		detection of objects on transport equipment	
Radio approval for		USA; EU/RED; Australia; 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]	< 50	
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		200	
Distance read/read head side		200	
Note on distance read/read head		referred to	:
		Read/write head	DTA100
		Read head	DTA101

DTA101

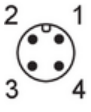
RFID read head with AS-Interface

DTSLF AAROASUS01

Distance write/read head front	[mm]	400		
Distance write/read head side	[mm]	400		
Note on distance write/read head		referred to	:	
		Read/write head		DTA100
		Read head		DTA101
Distance to the ID tag	[mm]	read	:	≤ 20
		static		
Interfaces				
Communication interface		AS-i		
Operating conditions				
Ambient temperature	[°C]	-20...50		
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...2000 Hz	
MTTF	[years]	422		
AS-i classification				
AS-i I/O configuration	[hex]	7		
AS-i ID code	[hex]	3		
AS-i certificate		71502		
Mechanical data				
Weight	[g]	103.2		
Housing		rectangular		
Dimensions	[mm]	55 x 24 x 41		
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; coding: A; Contacts: 4



DTA101

RFID read head with AS-Interface

DTSLF AAROASUS01

Connection

