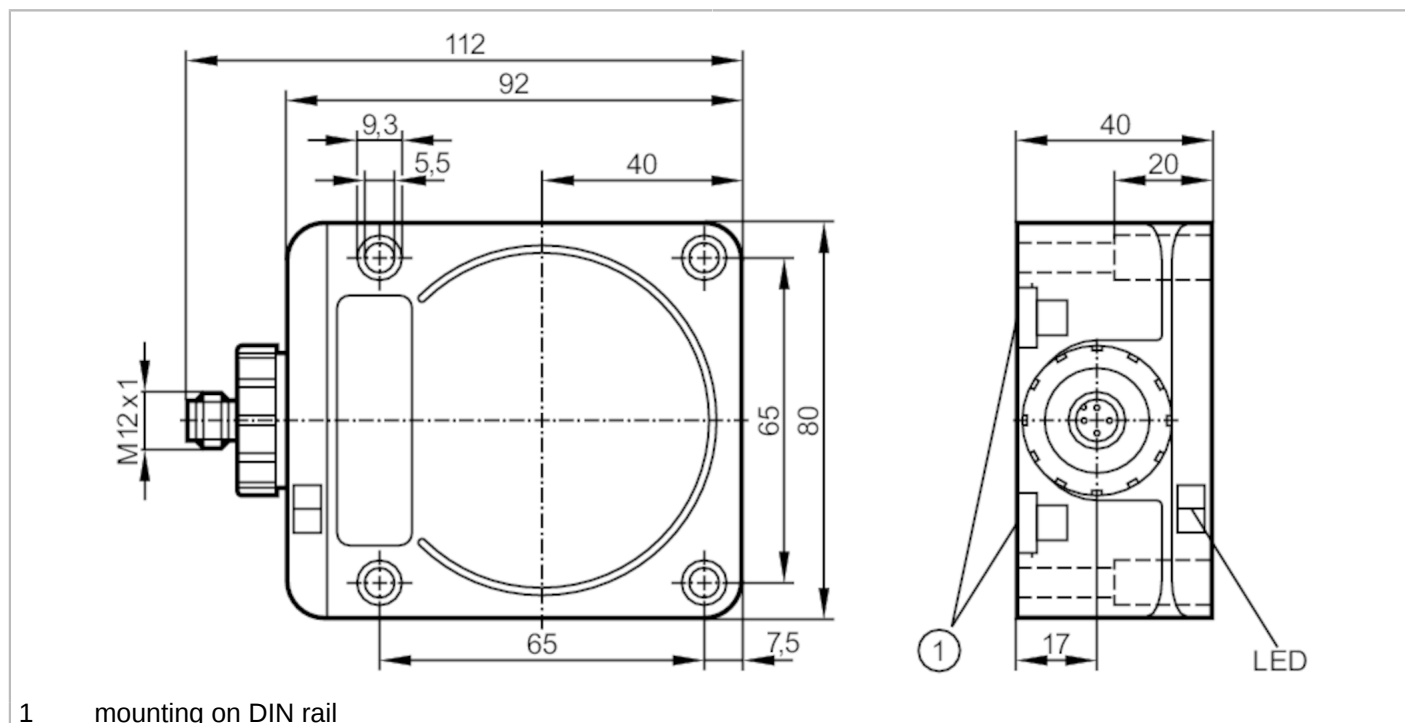


DTA301



RFID read head with AS-Interface

DTSLF DCROASUS01



Application

Application

detection of objects on transport equipment

Electrical data

Operating voltage	[V]	26.5...31.6 DC; (operating voltage "supply class 2" according 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
Distance to the ID tag	[mm]	≤ 80
		static

DTA301



RFID read head with AS-Interface

DTSLF DCROASUS01

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 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]	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	3 x LED, green
	tag read	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)	
	Singapore Not approved for operation, for export only.	
Pack quantity	1 pcs.	
Electrical connection		
Connector: 1 x M12, rotatable		
		



RFID read head with AS-Interface

DTSLF DCROASUS01

Connection

