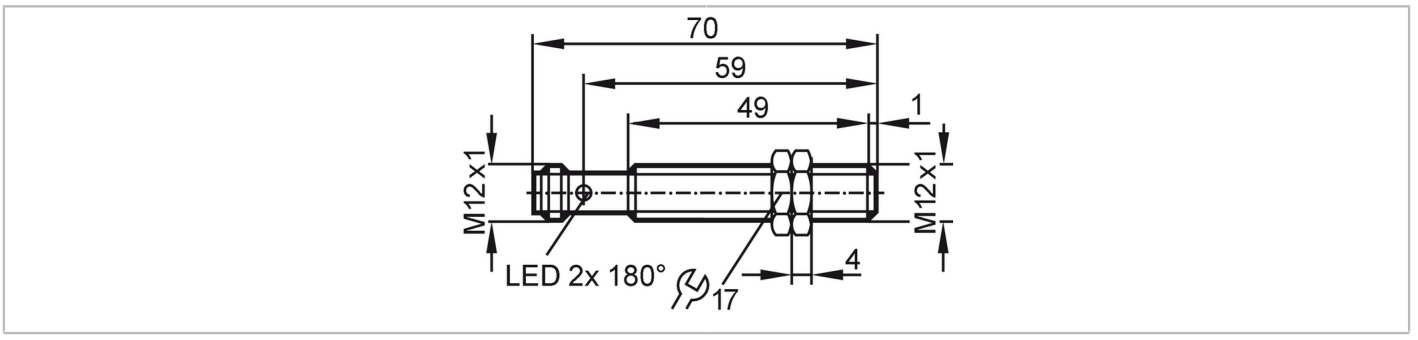
ANT410

RFID read/write head HF

DTRHF FBRWIDUS03



Application				
Application		detection of objects on transport equipment		
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Ukraine		
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]	19.2...28.8 DC; (supply only via the DTE10x evaluation unit (to EN 60950-1))		
Current consumption	[mA]	< 50		
Protection class		III		
Operating frequency	[MHz]	13,56		
RFID standard		ISO 15693		
Detection zone				
Distance write/read head front	[mm]	40		
Distance write/read head side	[mm]	20		
Distance to the ID tag	[mm]	referred to 20 mm coin tag; I-CODE SLI	:	≤ 12
		only for static applications		
Interfaces				
Communication interface		DATA / DTE10x		
Operating conditions				
Ambient temperature	[°C]	-20...60		
Storage temperature	[°C]	-25...80		
Protection		IP 67; IP 69K		
Tests / approvals				
Shock resistance		EN 60068-2-27	40 g 6 ms / repetitive	
		EN 60068-2-27	50 g 11 ms / not repetitive	
Vibration resistance		EN 60068-2-6	20 g 10...2000 Hz	
MTTF	[years]	610		
Mechanical data				
Weight	[g]	83.75		
Housing		threaded type		
Mounting		flush mountable		
Dimensions	[mm]	M12 x 1 / L = 70		

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Thread designation	M12 x 1	
Materials	housing: stainless steel; Protective cover: PPS	
Displays / operating elements		
Display	operation	1 x LED, green
	tag communication	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2 x M12	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		

Connector: 1 x M12; coding: A; Contacts: 4



Connection

