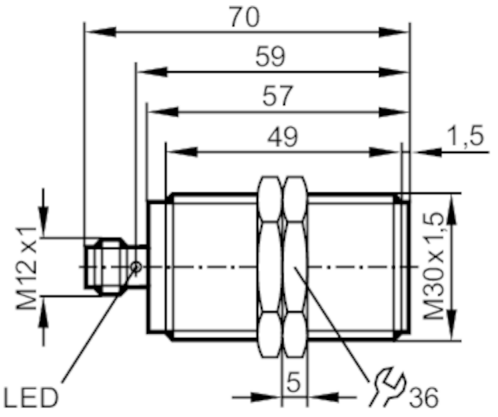
DTI434

RFID read/write head HF

DTRHF IBRWIOUS03



Application				
Application		detection of objects on transport equipment		
Radio approval for		USA; Canada; EU/RED; Australia; China; Singapore; Japan; Taiwan; India		
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		
Current consumption	[mA]	< 50		
Protection class		III		
Operating frequency	[MHz]	13,56		
RFID standard		ISO 15693		
Detection zone				
Distance to the ID tag	[mm]	referred to 30 mm coin tag; I-CODE SLI	:	≤ 30
Interfaces				
Communication interface		IO-Link		
Transmission type		COM2 (38,4 kBaud)		
IO-Link revision		1.1		
Profiles		Smart Sensor: Device Identification		
SIO mode		no		
Required master port type		A		
Supported DeviceIDs		**Type of operation**		**DeviceID**
		default		967
Operating conditions				
Ambient temperature	[°C]	-20...60		
Storage temperature	[°C]	-25...80		
Protection		IP 67; IP 69K		

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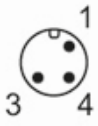
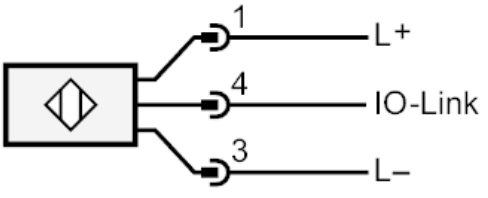
Tests / approvals			
Shock resistance		EN 60068-2-27	40 g 6 ms / repetitive
		EN 60068-2-27	50 g 11 ms / not repetitive
Vibration resistance		EN 60068-2-6	20 g 10...2000 Hz
Electrical protection		EN 61010-2-201 : 2013 +AC:2013	
Mechanical data			
Weight	[g]	197.5	
Housing		cylindrical	
Mounting		flush mountable	
Dimensions	[mm]	M30 x 1.5 / L = 70	
Thread designation		M30 x 1.5	
Materials		housing: stainless steel (304/1.4301); Protective cover: PPS	
Displays / operating elements			
Display		operation	1 x LED, green
		tag communication	1 x LED, yellow
Accessories			
Items supplied		nut 2 x M30 x 1,5	
Remarks			
Pack quantity		1 pcs.	

Electrical connection

Connector: 1 x M12; coding: A



Connection