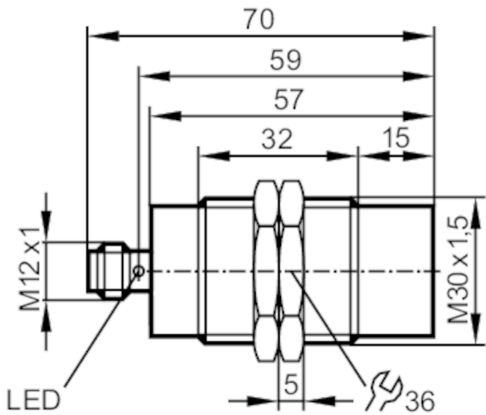




RFID read/write head HF

DTRHF INRWIOUS03



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	: ≤ 45
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]	175.8
Housing		cylindrical
Mounting		non-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

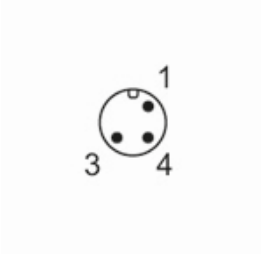
Displays / operating elements		
Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Accessories	
Items supplied	nut 2 x M30 x 1,5

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection

