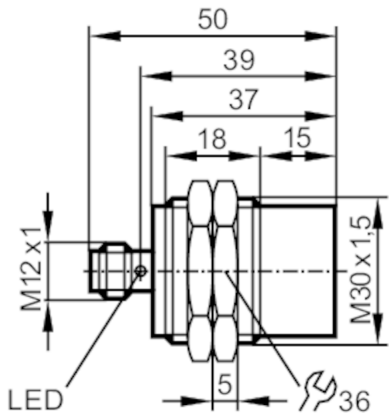




RFID read/write head HF

DTRHF INRWIOUS03



Application			
Application		detection of objects on transport equipment	
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore	
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 write/read head front		[mm]	160
Distance write/read head side		[mm]	120
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
SDCI standard			IEC 61131-9
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



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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
UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	подача напруги	Limited Voltage/Current
	File number UL	E205959

Mechanical data

Weight	[g]	178.5
Housing		cylindrical
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 50
Thread designation		M30 x 1.5
Materials		housing: stainless steel; Protective cover: PPS

Displays / operating elements

Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Аксессуары

Items supplied		nut 2 x M30 x 1,5
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



DTI431



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Connection

