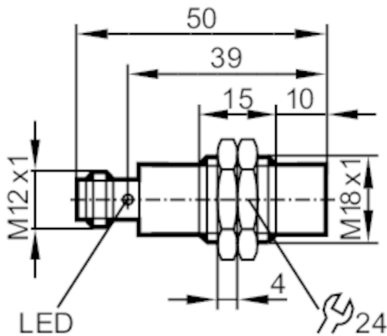




RFID read/write head HF

DTRHF GNRWIOUS03



Application			
Application	detection of objects on transport equipment		
Radio approval for	USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; South Africa; Ізраїль		
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]	180	
Distance write/read head side	[mm]	90	
Distance to the ID tag	[mm]	referred to 30 mm coin tag; I-CODE SLI	: ≤ 40
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	
Storage temperature	[°C]	-25...80	



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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

Mechanical data

Weight	[g]	120.5
Housing		cylindrical
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 50
Thread designation		M18 x 1
Materials		housing: stainless steel; Protective cover: PPS; LED window: PEI

Displays / operating elements

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

Аксессуары

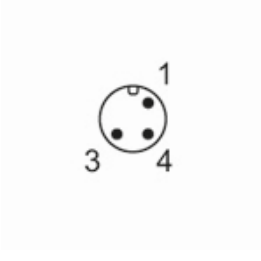
Items supplied	nut 2 x M18 x 1
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

