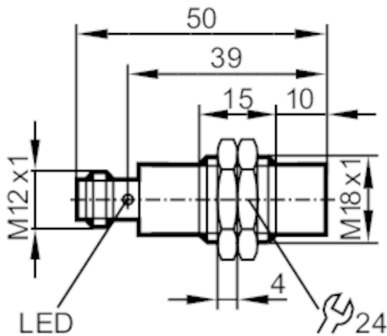




RFID read/write head HF

DTRHF GNRWIOUS03



Application			
Application		detection of objects on transport equipment	
Radio approval for		Europe; USA; Canada; Japan; Australia; China; Taiwan; India; Singapore	
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
IO-Link device ID			967 d / 00 03 C7 h
Profiles			Smart Sensor: Device Identification
SIO mode			no
Required master port type			A
Operating conditions			
Ambient temperature		[°C]	-20...60
Storage temperature		[°C]	-25...80
Protection			IP 67; IP 69K



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Tests / approvals		
EMC	DIN EN 301489-3	
Shock resistance	EN 60068-2-27	40 g 6 ms / repetitive
Vibration resistance	EN 60068-2-27	50 g 11 ms / not repetitive
Radio approval	EN 60068-2-6	20 g 10...2000 Hz
Radio approval	EN 300 330 V2.1.1	
UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	File number UL	E205959

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; plug insert: PEI

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

Remarks		
Remarks	only for static applications	
Pack quantity	1 pcs.	

Electrical connection

Connector: 1 x M12



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Connection

