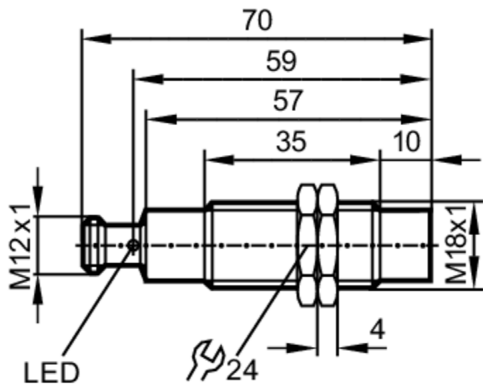




RFID read/write head HF

DTRHF GNRWIOUS03



Application			
Application	detection of objects on transport equipment		
Radio approval for	USA; Canada; EU/RED; Australia; China; Singapore; Japan; Taiwan; Israel; 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	: ≤ 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	
Min. process cycle time	[ms]	22	
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	



RFID read/write head HF

DTRHF GNRWIOUS03

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]	106.25
Housing		cylindrical
Mounting		non-flush mountable
Dimensions	[mm]	M18 x 1 / L = 70
Thread designation		M18 x 1
Materials		housing: stainless steel (304/1.4301); Protective cover: PPS; plug insert: PEI

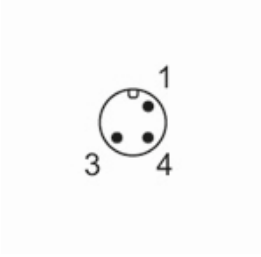
Displays / operating elements		
Display	operation	1 x LED, green
	tag communication	1 x LED, yellow

Accessories	
Items supplied	nut 2 x M18 x 1

Remarks	
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection

