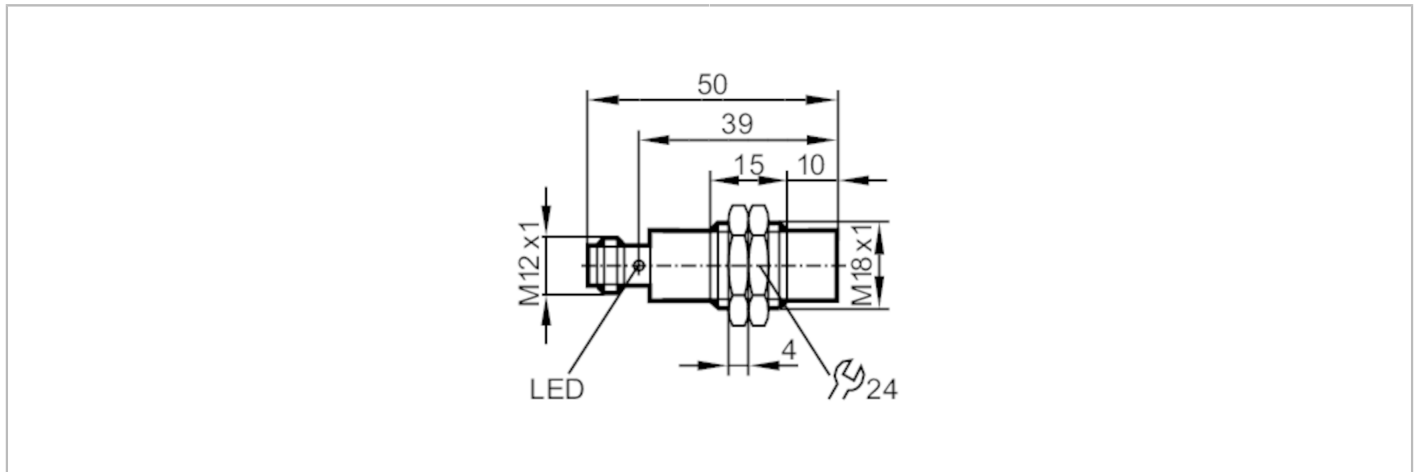


DTI421



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; Israel				
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	<table border="1"> <thead> <tr> <th>Type of operation</th> <th>DeviceID</th> </tr> </thead> <tbody> <tr> <td>default</td> <td>967</td> </tr> </tbody> </table>	Type of operation	DeviceID	default	967
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

Accessories

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

