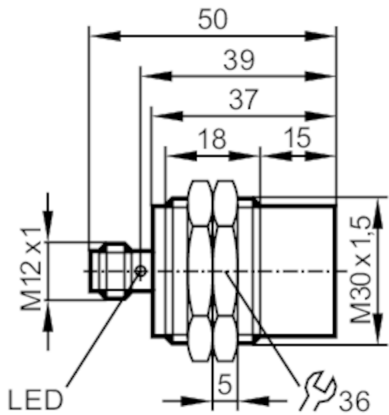


ANT431



RFID read/write head HF

DTRHF INRWIDUS03



Application			
Application		detection of objects on transport equipment	
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Ukraine	
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; (supply only via the DTE10x evaluation unit (to EN 60950-1))
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			DATA / DTE10x
Operating conditions			
Ambient temperature		[°C]	-20...60
Storage temperature		[°C]	-25...80
Protection			IP 67; IP 69K
Tests / approvals			
Shock resistance		EN 60068-2-27	50 g 11 ms / 40 g (6 ms, continuous)
Vibration resistance		EN 60068-2-6	20 g 10...2000 Hz
Mechanical data			
Weight		[g]	179
Housing			cylindrical

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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

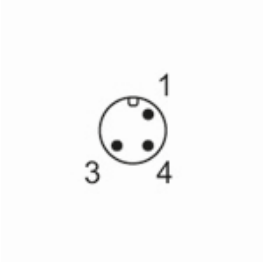
Items supplied	nut 2 x M30 x 1,5
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

