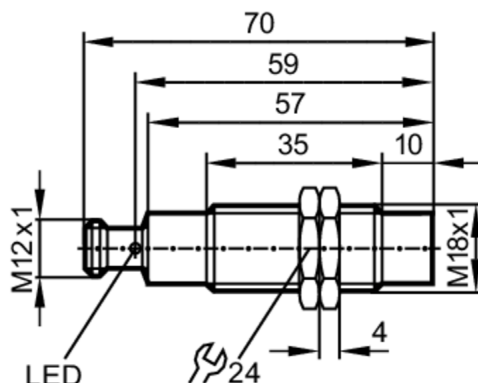


# ANT425



## RFID read/write head HF

DTRHF GNRWIDUS03



### 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

### Monitoring range

Distance write/read head front [mm]	180
Distance write/read head side [mm]	90
Distance to the ID tag [mm]	≤ 40

### 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]	132
Housing	tubular
Mounting	non-flush mountable
Dimensions [mm]	M18 x 1 / L = 70

ANT425



RFID read/write head HF

DTRHF GNRWIDUS03

Thread designation	M18 x 1
Material	housing: stainless steel; Protective cover: PPS; LED window: PEI

Displays / operating elements

Display	Power	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

