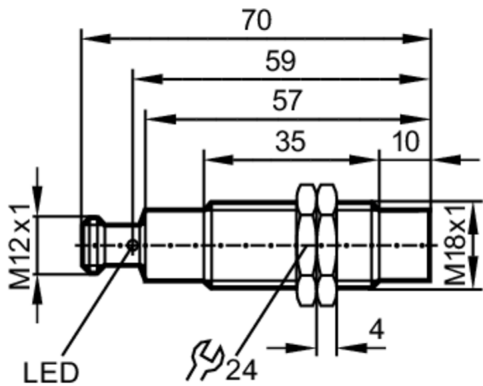


DTM425



RFID read/write head with CAN interface and CANopen protocol

DTMHF GNRWC0US03



Electrical data		
Operating voltage	[V]	9...32 DC
Current consumption	[mA]	< 50 (24 V) / < 80 (12 V)
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]	65
Distance to the ID tag	[mm]	≤ 40
Interfaces		
Communication interface		CAN
CAN		
Protocol		CANopen
Operating conditions		
Ambient temperature	[°C]	-40...85
Storage temperature	[°C]	-40...85
Protection		IP 67; IP 69K
Tests / approvals		
EMC	EN 61010-1	
	EN 301489-3	V 1.6.1
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	10 g 10...2000 Hz
Radio approval	EN302 291-2 V 1.1.1 / EN300 330-2 V 1.5.1	
MTTF	[years]	379.51



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DTMHF GNRWCOUS03

Mechanical data		
Weight	[g]	115.8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 70
Thread designation		M18 x 1
Materials		housing: stainless steel; Protective cover: PPS; connector housing: PEI

Displays / operating elements		
Display	Preoperational mode	1 LED, green continuous light
	Operational mode	1 x LED, green flashing light
	errors	1 x LED, red flashing light
	tag communication	1 x LED, yellow continuous light

Remarks	
Pack quantity	1 pcs.

Electrical connection

1	not used
2	U+
3	GND
4	CAN_H
5	CAN_L

Connector: 1 x M12

