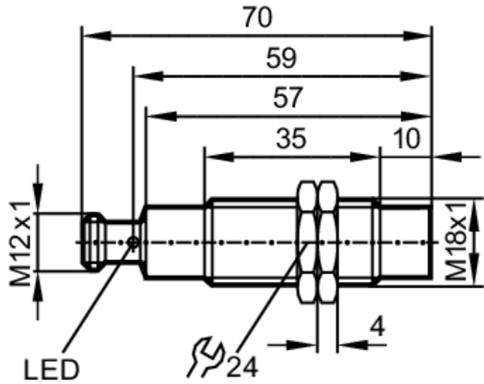




RFID read/write head with CAN interface and CANopen protocol

DTMHF GNRWCOUS03



Application			
Radio approval for		USA; Canada; EU/RED; Australia; Japan; China; Taiwan; India; Singapore; Ukraine; Brazil; Argentina	
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]	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			
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
MTTF		[years]	477
Mechanical data			
Weight		[g]	141.5



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Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 70
Thread designation	M18 x 1
Materials	housing: stainless steel; Protective cover: PPS; LED window: PEI

Displays / operating elements

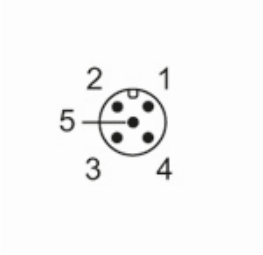
Display	Preoperational Mode	1 x LED, green lights
	Operational Mode	1 x LED, green flashing
	errors	1 x LED, red flashing
	tag communication	1 x LED, yellow lights

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



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