

## IN-UNI\_EVO-000

## Interface module



### Key Features:

- 2 CAN connections, 1 CAN line
- 8 analog input channels

### Technical specifications

<b>Electrical characteristics</b>			<b>Mechanical characteristics</b>		
Supply voltage	V	8-16	Housing material	Aluminum	
Current consumption @12 V			Dimensions	mm <sup>3</sup>	57x50x14
Module only/no sensor	mA	75	Weight (module)	g	140
Full sensor load used	mA	350	<b>Connector</b>		
Sensor supply +5 V	mA	100	CAN connection 1	Binder 712, 5PM	
Sensor supply +12 V	mA	100	Length	mm	250
Vext Out max	A	1	CAN connection 2	Binder 712, 5PF	
<b>Channels</b>			Length	mm	250
Analog channels	8		Analog input	Deutsch IMC 200, 12PF	
4k7 pull up switchable	2		Length	mm	200
Analog resolution	bit	16	<b>Vibration resistance</b>		
Max sampling rate	Hz	200	Shock	G	40
Analog channel input range			During time period of	ms	10
AIN1-6 (selectable)	V	0-5/0-20	Vibration tested at	G	12
AIN7-8	V	0-5	Measured with	Hz	1000
Digital channels input	4 free selectable		<b>Ordering information</b>		
4k7 pull up	AIN1, AIN2 switchable		Art.No. IN-UNI_EVO-000		
<b>Environmental data</b>					
Protection class	IP 66				
Ambient operating range	°C	0 to +70			
humidity	%	5 to 95			

## IN-UNI\_EVO-000

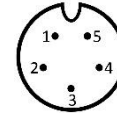
## Interface module

### Connector layout

### Connector type

#### CAN connection 1, Binder 712 5PM

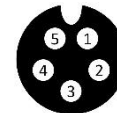
Pin	Name	Description	Color
1	CAN Hi	CAN High	orange
2	CAN Lo	CAN Low	brown
3	GND	Ground	black
4	n.c.	Not connected	
5	Vext	Power supply 8-16V	red



front view

#### CAN connection 2, Binder 712 5PF

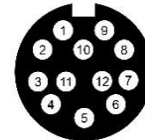
Pin	Name	Description	Color
1	CAN Hi	CAN High	orange
2	CAN Lo	CAN Low	brown
3	GND	Ground	black
4	n.c.	Not connected	
5	Vext	Power supply 8-16V	red



front view

#### Power/Analog input, Deutsch IMC 200, 12PF

Pin	Name	Description	Color
1	Vext Out	Power supply output	red
2	AGND	Sensor ground	black
3	AIN1	Analog input 1, 0-5 V/0-20 V, pull up switchable	brown
4	AIN2	Analog input 2, 0-5 V/0-20 V, pull up switchable	orange
5	AIN3	Analog input 3, 0-5 V/0-20 V	yellow
6	AIN4	Analog input 4, 0-5 V/0-20 V	green
7	AIN5	Analog input 5, 0-5 V/0-20 V	white
8	AIN6	Analog input 6, 0-5 V/0-20 V	grey
9	AIN7	Analog input 7, 0-5 V	purple
10	AIN8	Analog input 8, 0-5 V	blue
11	5 V	5 V power sensor supply	white/black
12	12 V	12 V power sensor supply	white/brown



front view