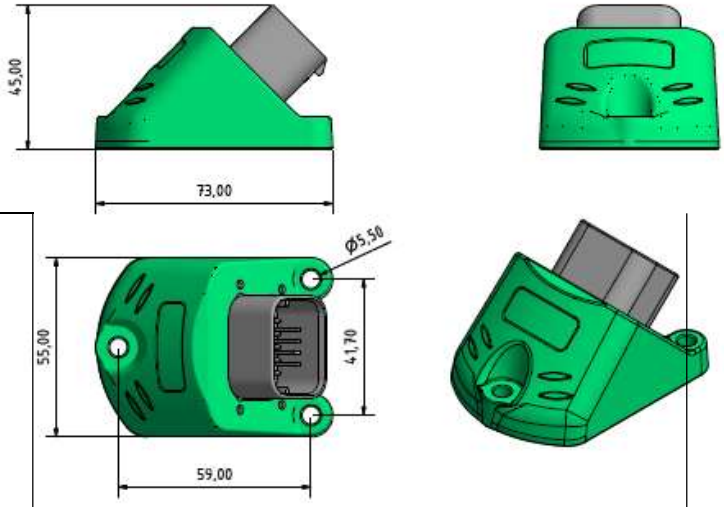
Data Sheet

Item-No.: CAN102019.014

Description

CAN I/O module for multi-purpose use, either programmable in C or optional as CAN open slave. The module is connected via a waterproof connector, which is arranged in a 45° angle. This makes assembly easier, especially with mobile machines.

View



Technical Specification

Nominal Voltage	12/24V
Operating Voltage	5V-36V
Stand-By Current	<1mA
Operating Temperature	-40 – 85 °C
Protection Class	IP6K9K
Intererence Immunity	95/54 EG & DIN 40839
Weight	ca. 90g
Length	73mm
Width	55mm
Height	45mm
Output Highside Driver	2A je Ausgang 8A total current @ 20°C
Analogue Inputs	0-10V
Output Lowside Driver	2A @ 20°C
Communication	CAN 125/250/500 kBit

Features

The module is designed for mobile machines, e.g. agricultural or construction equipment. It is used, for example, for capturing sensor values or switching solenoid valves or headlamps, etc. Due to the possibility of a free programming, it can also be used as a microcontroller. Thus, for example, in combination with our CAN adapter for standard switches and our smaller CAN I/O module, a scalable system control unit can be set up.

Pin Definition

Pin	Function
1	Analogue Input (AI7)
2	Analogue Input (AI6) or Lowside out
3	GND
4	CAN-L
5	CAN-H
6	Analogue Input or Highside out (AI/DO2)
7	Analogue Input or Highside out (AI/DO1)
8	Analogue Input or Highside out (AI/DO5)
9	Analogue Input or Highside out (AI/DO4)
10	Highside out (DO8)
11	Analogue Input or Highside out (AI/DO3)
12	+12/24V
13	Highside out (DO6)
14	Highside out (DO7)

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Materials

Potting Compound	Electrolube UR5604
Housing	PC 20% Glass Fibre