

## Embedded universal I/O module

### CAN/CANopen Multi-input-module

This module is assembled in IP20. Only inputs can be connected, the unit has one CAN interface.

Versatile applications can be addressed from industry, automotive up to test-equipment.



- 16 digital inputs
- 7 x 2-pole push button input or 14 x 1-pole. push button input
- 2 x analogue inputs max. 5 V DC / 8 Bit

The robust construction in a sheet steel enclosure with male multi point connectors allows compact wiring and flexible use.

### Technical features

#### Technical data:

➤ Power supply:	9...30 Vdc
➤ Current consumption:	< 100 mA (at 12 Vdc)
➤ Operating temperatur:	0...50 °C

#### Digital inputs:

➤ Quantity:	16/12 x positive logic + 4 x negative logic
➤ Input voltage:	0...30 Vdc
➤ Positive logic:	log „0“ = 0...3 Vdc / log „1“ = 8...30 Vdc
➤ Negative logic:	log „0“ = switch to GND open log „1“ = switch to GND closed

#### Digital push-button input:

➤ Quantity:	7 x for push button 2 pole 14 x for push button 1 pole or 14 x positive logic
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#### Analogue inputs:




➤ Quantity:	2
➤ Resolution:	8 Bit
➤ Input ranges:	0...5 Vdc / 0...3,3 Vdc
➤ Input resistance:	> 100 k



#### Analogue outputs:




➤ Signal generator:	1
➤ Trigger:	internal, control via CAN
➤ Steps:	15
➤ Step „0“:	off
➤ Step „15“:	15 max. volume

#### Signal generator frequency

➤ „0“:	default for resonance approx. 1600Hz
➤ „1“:	lowest frequency approx. 1000 Hz
➤ „15“:	highest frequency approx. 3400 Hz

CAN-interface	 Baud rate:	10 kBit/s...1 MBit/s / High speed CAN
	 Electrical isolation:	yes
	 Termination-resistor:	120R , selectable via solder bridge

Mechanic:	 Connector:	Male multi point connector AMP/Tyco-Series
	 Configuration:	963357 via jumper resp. via CAN

Enclosure:	 Sizes:	210 x 64 x 36 mm
	 Protection class:	IP20
	 Material:	Sheet steel, powder coated, smooth, RAL 9005 (black)

**Order No.: 70144**