



DIN-RAIL MODULES

CAN
connected

CANopen

DeviceNet



DIN-rail modules

The decentralized modules of the SNAP-series supply the link between sensors or actuators and digital CAN networks.

The flexible DIN-rail mounting together with highly efficient electronics and versatile functionality allows to serve a wide range of applications.

The modules are equipped with a highspeed CAN interface supporting CAN 2.0A and CAN 2.0B. Higher layer protocols like CANopen, DeviceNet and many customer specific protocols are available.

Size

The SNAP-series housing is designed to the needs of the industrial application. The small size and weight makes it ideal for the use in a switching cabinet.

Mounting

The industrial grade plastic housing is easily mounted on a DIN-rail.



Function
I/O per Module
Relay
Signal Type
Accuracy
Resolution
Sampling Rate
Supply Voltage
Working Temperature



DIP-switches

The use of several DIP-switches makes it easy to select module address and bit-rate. The switches are located inside the housing.

Bus Termination

Termination of CAN bus is done by a switch which is available on all of the modules.

LEDs

Status information and self-diagnosis is displayed via one LED during operation.

Fitting

Supply of signal and fieldbus chains is significantly simplified by use of screw terminal blocks implemented as pluggable connectors.



μ CAN.1.ai-SNAP	μ CAN.1.ai-SNAP	μ CAN.1.ti-SNAP	μ CAN.1.sg-SNAP	μ CAN.4.ao-SNAP	μ CAN.8.dio-SNAP
Analogue In	Analogue In	Temperature In	Strain Gauge	Analogue Out	Digital In/Out
1	1	1	1	4	8
Alarm Out	Alarm Out	Alarm Out	80% Calibration	–	–
+/- 10V DC	0(4)-20mA	Thermo J,K,L	DMS	+/- 10V DC	Highside
–	–	Pt100/Pt1000	–	–	–
0,01% of fsd	0,01% of fsd	+/- 0,1K	0,1% of fsd	0,5% of fsd	–
16 Bit	16 Bit	16 Bit	16 Bit	12 Bit	–
20 ms	20 ms	20 ms	20 ms	5 ms	–
12...40V DC	12...40V DC	12...40V DC	12...40V DC	18...30V DC	18...30V DC
-40°C...+85°C	-40°C...+85°C	-40°C...+85°C	-40°C...+85°C	0°C...+50°C	0°C...+50°C

Changes without notice



Customer specific solutions

The SNAP-series supplies excellent performance for a vast majority of sensor acquisition tasks. As a leading manufacturer of CAN bus factory-floor equipment, we feel that we also offer – besides the excellent industrial automation components – the most comprehensive suite of customer specific, cost sensitive solutions.

Test us !

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