

microX[®]io family



microX[®]io 8DI

This microNet module with 8 digital inputs can be used for detecting the status of potential free switches.



microX[®]io 4UI

The 4 universal input module can detect voltages and resistances. For example, a PT1000 temperature sensor can be directly connected.



microX[®]io 4DO

The 4 relays output module can be used for switching motors, contactors, lamps, blinds, etc. Manual mode supported.



microX[®]io 4AO

microNet module with 4 analog outputs (0...10V) is suitable for controlling valves, ventilation dampers, etc. Manual mode supported.

- >> DIN rail mounting
- >> Manual operation with remote activation and deactivation
- >> Easy combination of several modules by jumpers
- >> Identification by either Local ID, Service Pin or unique ID
- >> Combine with any other microNet device

Although microNet has been optimized for networking of low cost interoperable devices there is always a need for general purpose I/O modules whenever a conventional sensor or actuator needs to be part of a control network.

All microX[®]io modules are equipped with a microdial which serves as the Local ID. This feature allows the automatic "plug & play" installation of a microNet network consisting of several modules of the same type.

Another outstanding feature of the output modules consists of the possibility to operate the outputs manually: digital outputs may be switched on or off, analog outputs can be set to percent values in steps of 10%. This feature is, for example, a necessity in HVAC applications.

connected to your ideas.

Input / Output specifications

microX [®] io 8DI	microX [®] io 4UI	microX [®] io 4DO	microX [®] io 4AO
8 x potential free contact inputs	4 x universal inputs modes: voltage (0...10V) resistance	4 x relais outputs (max. 16 A)	4 x analog outputs (0...10 V)

General specifications

Tranceiver	Pyxos™ FT tranceiver with 48 bit unique ID galvanically isolated
Protocol	microNet protocol with Electronic Data Sheet (mEDS)
Identification	Local ID (can be set by two microdials) Service Pin switch unique ID
Display by LED	output states network failure manual / automatic power
Manual operation	Select manual / automatic mode Switch relais outputs (4DO) Change output voltage in 1.0 V steps (4AO)
Power Supply	24 V AC/DC
Dimensions (W x H x D)	65 x 70 x 65 mm (2.6 x 2.8 x 2.6 in.)
Operating temperature	-5 °C ... 55 °C (23 °F ... 131 °F)

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