Extension module with 8 analog inputs – Datasheet



ORDER-CODES:
KIO7017

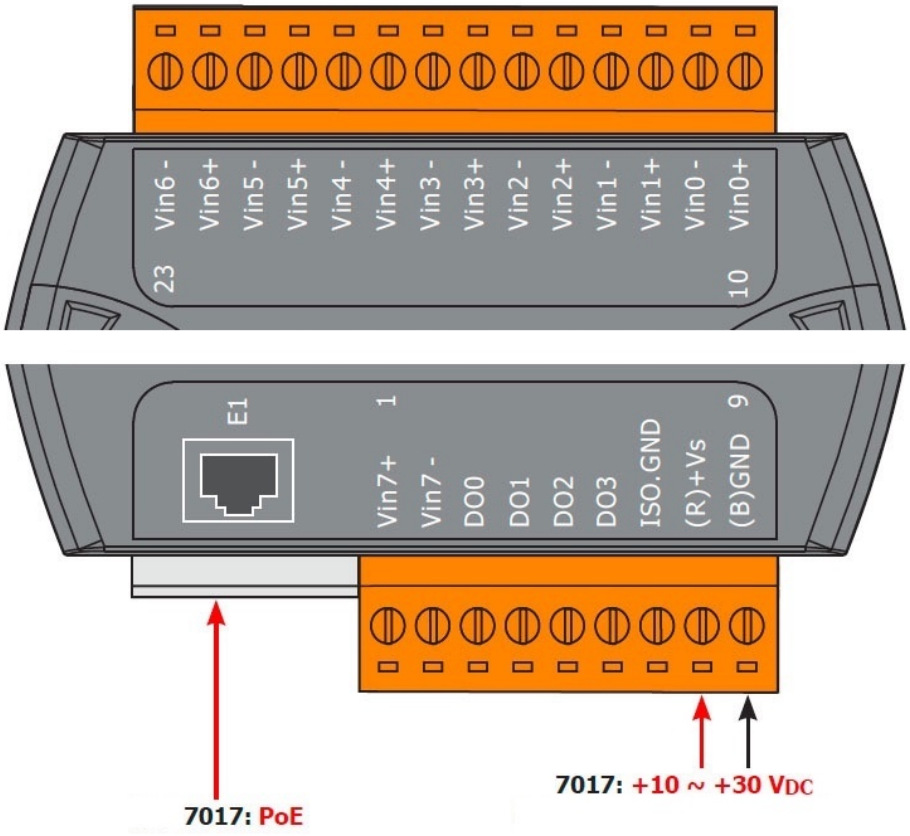
Function	Extension module for connecting up to 8 external analog inputs. As communication takes place via Ethernet, the module can be installed anywhere. Configuration is carried out via the KentixONE software interface. Via the integrated web server, the module offers simple IP configuration and testing of the inputs without additional software.
Connection optionsöpossibility	Log4J

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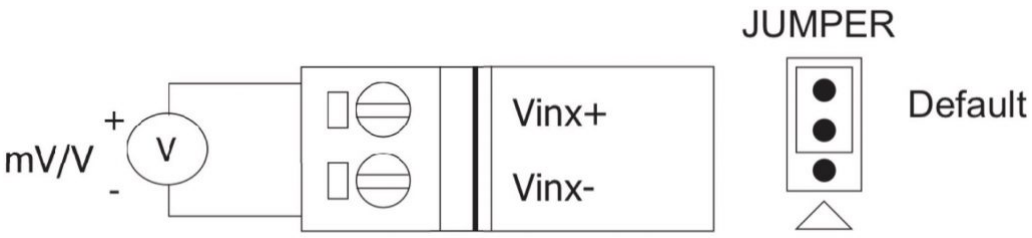
Configuration	Integr. Web server (HTTP) Default IP: 192.168.255.1 (Admin/Admin)
Protocols	Modbus communication via IP port: 502 (default)
Security	ID, password and IP filter
Connection terminals	Plug-in screw terminals for cables up to 1mm²
Enteränge	8x differential analog inputs with 16-bit resolution Sampling rate 10Hz and voltage input 0-10V or current input 4-20mA, accuracy 0.1%
External sensors	Analog sensors with: Voltage output 0-10V (default) Current output 4-20mA (must be activated via jumper) Digital outputs: Open collector (max. 700mA, 5-50 VDC)
Outputs	4 digital outputs – not usable
Insulation	Ethernet 1.5kVDC, I/O 3.7kVrms
Environment	Operating temperature -20°C to +60°C, Rel. Humidity 10-90%
Network	LAN 10/100 Base-TX
Power supply	PoE (Class 1) or external power supply 12-30VDC, 4.3Watt
Goäuse	72 x 123 x 35 mm (DIN rail mounting)
Scope of delivery	KIO7017, 3m patch cable, power connection cable, manual
Certification	CE
Accessoriesör	Power supply unit or PoE injector if no PoE supply is available.

Terminal assignment

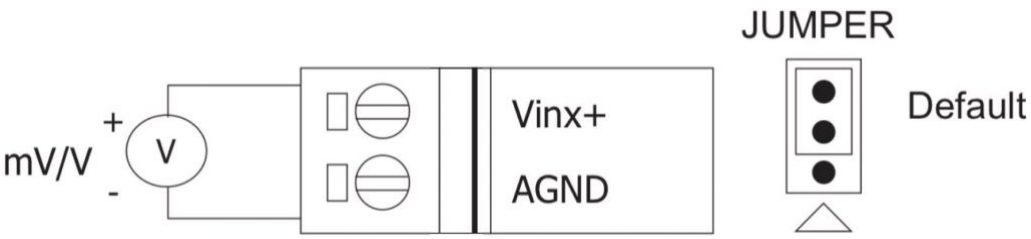
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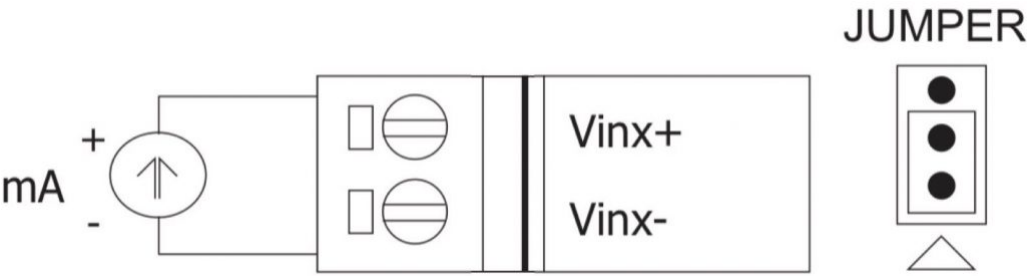
Circuitry voltage input (0-10V)



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Wiring current input (4-20mA)



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