

EtherCAT I/O Modules

Temperature E-I/O Modules



- Compact EtherCAT I/O extension
- Modularly expandable
- Can be used centrally anddecentrally
- Connection with Ethernet lines up to 100m
- CODESYS V3 support
- Easy configuration
- Up to 8 temperature Outputs

Data		
Description	AI4-Pt/Ni/Thermo 16 Bit CoE	AI8-Pt/Ni/Thermo 16 Bit CoE
Art. No.	204804400	204804500
Dimensions WxHxD [mm]	25 x 120 x 90	
Weight	Approx. 150 g	
Mounting	Mounting rail NS 35/7,5 EN 50022	
Certification	CE (EN 61131-2) / cUL _{us} (UL 61010-2-201)	
Development environment	CODESYS V3 (IEC61131-3)	
Communication interfaces	1 x EtherCAT, LVDS	
Protocols	EtherCAT Slave	
Digital I/O	4x temperature Input	8x temperature Input
	PT100 / Ni100 or PT1000 / Ni1000 or Thermo /Typ J, K or mV	
	Resolution: 16 Bit	

Data		
Description	AI4-Pt/Ni/Thermo 16 Bit CoE	AI8-Pt/Ni/Thermo 16 Bit CoE
Supply Voltage	+24 VDC (-20% / +25%) SELV max. AC voltage component 5% with reverse polarity protection	
Current draw	Typ. 0,15 A, max. 0,2 A at +24 VDC	
Operating conditions	Ambient temperature: operational: 0 °C to 55 °C / transport: -25 °C to +70 °C	
Transport / Storage	Relative humidity: max. 95 %, non-condensing	
EMC, protection type		
Emitted interference	EN 61131-2	
Immunity to interference	EN 61131-2	
Protection class	III	
Insulation strength	EN 61131-2	
Protection type	IP20	
Vibration	Sinusoidal (EN 60068-2-6) test: Fc; 10 ... 150 Hz, 1 G (Operation Mode)	
Schockfestigkeit	15 G (ca. 150 m/s ²), 10 ms duration, half-sinus (EN 60068-2-27) test: Ea	

EtherCAT® is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

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