



Introduction



AI8DIP and AI8CIP are EtherCAT slave module with 8 analog input channels -10..+10V range or 0..20mA respectively. The leds indicate the module status and the EtherCAT connection.



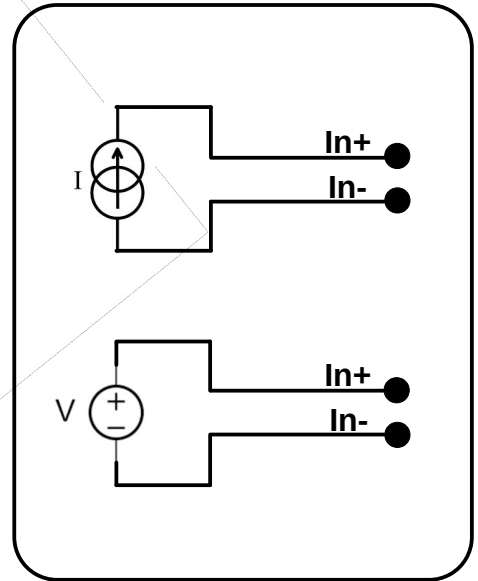
Hardware Specification

Model	AI8DIP	AI8CIP
Analog Input		
Channels	8	
Analog type	Differential	Current
Analog range	-10..+10V	0..20mA / 4..20mA
Resolution	16 bit	
Conversion time	1ms for all inputs	
Digital filter	configurable	
Switching time	<1ms	
Common mode range	±20V (referred to internal GND analog)	
Electrical		
Supply voltage Vs/Vp	24Vdc typ (range 18..36V) Vp not used	
Electrical isolation	2500Vrms	
Power consumption (Vs)	0,5W	
Interface	EtherCAT slave	
Specification	EN 61131-2	
Diagnostic leds	Power ● Run ● Error ● EtherCAT run ● Link IN ● Link OUT ●	
Mechanical		
Dimensions [W x H x D]	55x213x23mm without connectors	
Installation	2 fixing holes 5mm for M4 (pitch 196mm) with metal pad to connect to Earth	
Enviroment		
Operating/storage temperature	-20..+60°C / -20..+85°C	
Relative humidity	Max 95% without condensation	
Degree of protection	IP65	

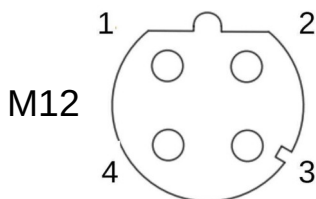
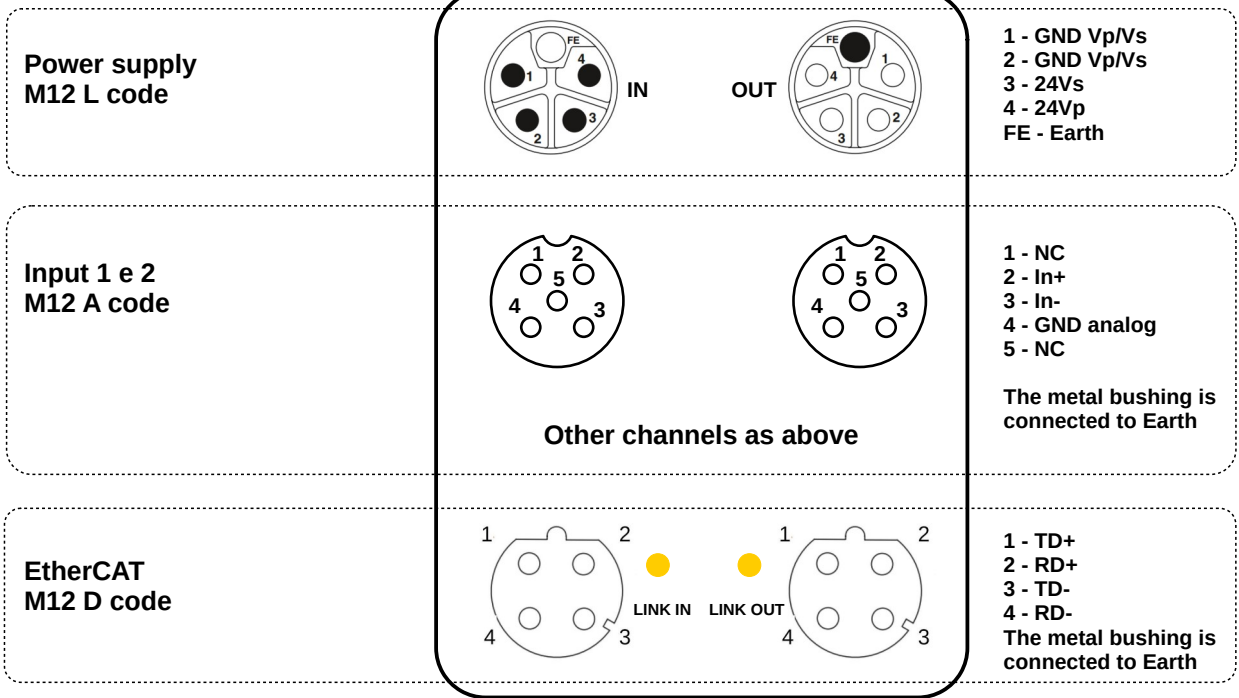


Application

Wire Connections



Pin Assignments



- 1.TD+ ————— YE - yellow ————— 1.TX+
- 2.RD+ ————— WH - white ————— 3.RX+
- 3.TD- ————— OG - orange ————— 2.TX-
- 4.RD- ————— BU - blue ————— 6.RX-

