

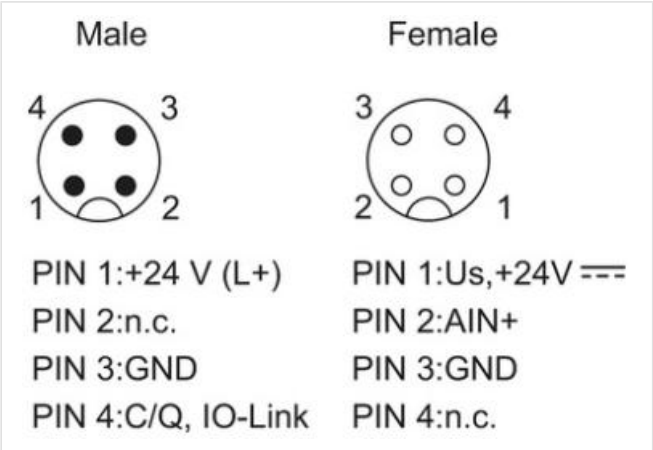
IO-Link/Analog Wandler

AI Multi U/I , M12, Single-Wire

IO-Link / analog converter
AI Multi U/I, M12, Single Wire
16Bit, IP65/67, IO-Link V1.1, Class A

Link to Product

Illustration



Product may differ from Image



General data	
Temperature range	-30...+70 °C (storage temperature -40...+85 °C)
Material (housing)	Plastic
Labeling	Laser labelled
Protection	IP65/IP67
Dimensions HxWxD	32.3x77.2x15 mm
Module supply	

Operating voltage	24 V DC (18...30 V DC)
Current consumption	≤30 mA
Input	
Input resistor (analog)	0...20 mA: 348 nA, 4...20 mA: 348 nA, 0...10 V: 179.4 μV -10...10 V: 358.9 μV
Invers-polarity protection	yes, permanently
Sensor supply US	24 V DC (EN 61131-2), max. 200 mA
Over voltage protection	30 V DC
Accuracy	0.10 %
Conversion time (analog)	Netzunterdrückung Aus: 10ms 50 Hz: 60ms 60 Hz: 100ms
Resolution (analog)	24 Bit
Valency	0...20 mA: 348 nA, 4...20 mA: 348 nA, 0...10 V: 179.4 μV -10...10 V: 358.9 μV
Input range (analog)	0...20 mA, 4...20 mA, 0...10 V, -10...+10 V
Temperature drift	45 ppm/K
Input filter	yes, mean value formation, parameterizable N = 0...64
IO-Link	
Data width	16 Bit / 2 Byte
Specification	IO-Link V1.1
Port Class	A
Data format	Siemens S7
Operating modes	COM2 (38.4 kbit/s)
Cycle time	min. 2.3 ms
Parameterization	
Mean value filter	1 Byte
upper limit	2 Byte
lower limit	2 Byte
Measured value	Current/voltage
Diagnostics	lower limit, upper limit, over heated, supply over voltage, supply under voltage, defective device
Connections	
IO-Link	M12 (male) 3-pole, A-coded
Analog input	M12 (female) 3-pole, A-coded, shielded
Protection	
Short-circuit protection sensor	yes, permanently
feed back resistance	yes, permanently
Reverse polarity protection module	yes, permanently
Over voltage protection	30 V DC
Product article number of manufacturer	
Product article number of manufacturer	5000-01501-1300001
Diagnostic	
Communication status	via LED and IO-Link
Diagnostic via LED	yes
Diagnostic via IO-Link	yes
Monitoring - under voltage	yes
Monitoring - over voltage	yes
Monitoring - temperature	yes
Underride and overrun	yes
Monitoring - limit	yes
Short-circuit and overload	yes