

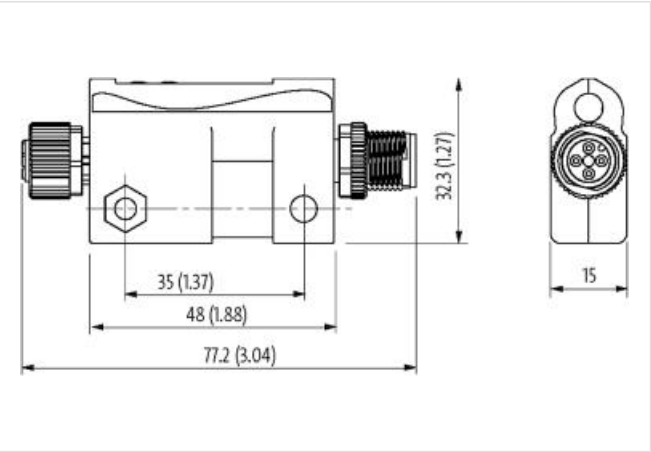
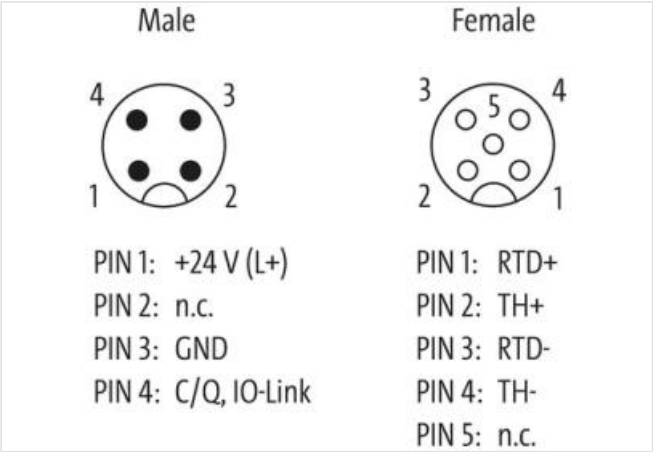
IO-Link / analog converter

AI Multi thermocouple, M12, straight

IO-Link / analog converter
AI Multi Thermo Element, M12
16Bit, IP65/67, IO-Link V1.1, Class A

Link to Product

Illustration



Product may differ from Image



Commercial data	
ECLASS-6.1	27242602
ECLASS-7.0	27242602
ECLASS-8.0	27242602
ECLASS-9.0	27242602
ECLASS-10.1	27242602
ECLASS-11.1	27242602

ECLASS-12.0	27242602
customs tariff number	85437090
GTIN	4048879588447
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Current consumption max.	15 mA
Electrical data Input	
Parameterizable input averaging filter process data	yes
Current carrying capacity max.	0,2 A
Conversion time with net suppression	OFF: 10 ms, 50 Hz: 60 ms, 60 Hz: 100 ms
Industrial communication IO-Link	
IO-Link process data length input	2 Bytes
IO-Link revision ID	V1.1
IO-Link cycle time min.	10 ms
IO-Link transmission rate	COM2 (38.4 kbit/s)
Port Class	A
Diagnostics	
Diagnostic via IO-Link	yes
Diagnostic via LED	yes
IO-Link events	Device defect, Overtemperature, Overvoltage supply, Undervoltage supply, lower limit, upper limit
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Temperature control	yes
Overload diagnosis	yes
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Invers-polarity protection	yes
Short circuit protection sensor supply	yes
Resistance to loads with regenerative power	yes
Over voltage protection	yes
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Height	32,3 mm
Width	77,2 mm
Depth	15 mm
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	70 °C
Storage temperature min.	-40 °C
Storage temperature max.	85 °C
Connection type 2	
Connection type 1	AI
Connection type 2	IO-Link Port
Family construction form	M12

Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	RTD +
PIN 2	TH +
PIN 3	RTD -
PIN 4	TH -
PIN 5	n.c.
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	24 V DC (L +)
PIN 2	n.c.
PIN 3	0 V (L -)
PIN 4	C / Q / IO-Link