

**IO-Link / analog converter**

AO Multi U / I, M12, straight

Art.No.: 5000-00501-2300001

Weight: 0.045 kg

Country of origin: DE

Model designation: IOL AO-U/I-V2-MULT-PAR

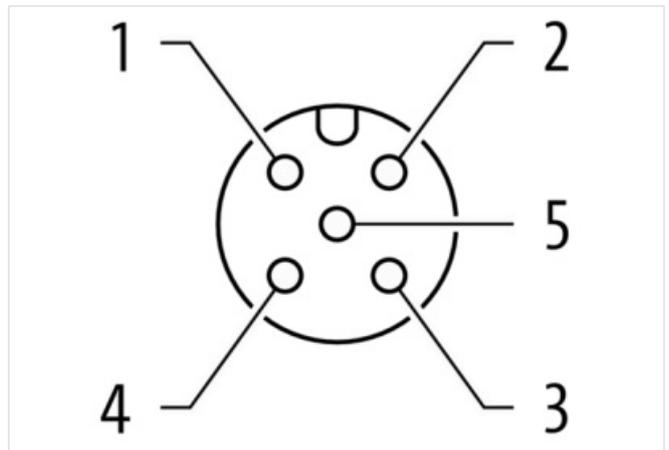
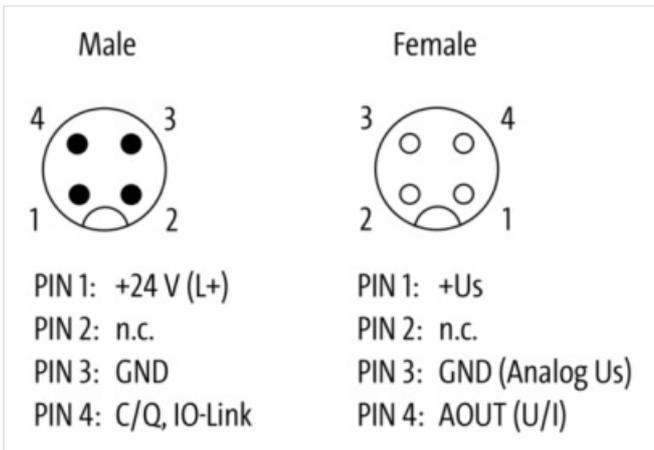
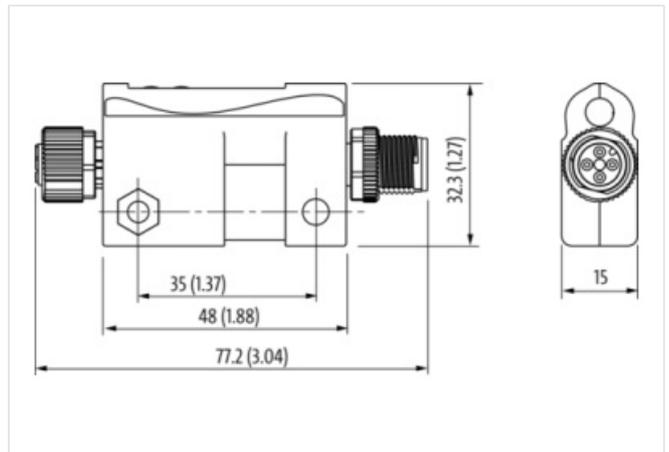
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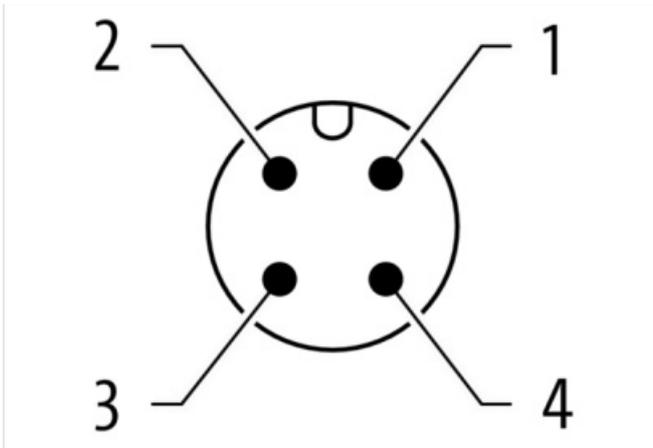
AO Multi U/I, M12

16Bit, IP65/67, IO-Link V1.1, Class A

**Link to Product**

**Illustration**





Product may differ from Image

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/5000-00501-2300001">https://shop.murrelektronik.com/5000-00501-2300001</a>
GTIN	4048879588416
Customs tariff number	85437090
ECLASS-6.0	27242601
ECLASS-6.1	27242602
ECLASS-7.0	27242602
ECLASS-7.1	27242602
ECLASS-8.0	27242602
ECLASS-8.1	27242602
ECLASS-9.0	27242602
ECLASS-9.1	27242602
ECLASS-10.0.1	27242602
ECLASS-10.1	27242602
ECLASS-11.0	27242602
ECLASS-11.1	27242602
ECLASS-12.0	27242602
ECLASS-13.0	27242602
ECLASS-14.0	27242602
ETIM-5.0	EC001596
ETIM-6.0	EC001596
ETIM-7.0	EC001596
ETIM-8.0	EC001596
customs tariff number	85437090
EAN	4048879588416
Packaging unit	1

**Electrical data | Supply**

Norm operating voltage	IEC/EN 61131-2
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Operating voltage UA DC	24 V
Current consumption max.	19 mA

<b>Electrical data   Output</b>	
Type Output	2-, 3-, 4-wire technology
Output current max.	0,2 A
Parameterizable input averaging filter process data	Yes
Conversion time analog output max.	5 ms
<b>Industrial communication   IO-Link</b>	
Port Class	A
revision ID	V1.1
transmission rate	COM2 (38.4 kbit/s)
process data length output	2 bytes
cycle time min.	2,3 ms
<b>Diagnostics</b>	
Temperature control	Yes
Diagnostic via IO-Link	Yes
Diagnostic via LED	Yes
LED display	Ethernet connection/data traffic
IO-Link events	Undervoltage supply, lower limit, upper limit, Overvoltage supply, Override, Overcurrent sensor supply, cable break sensor, Overtemperature, Device defect
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP67, IP65
Invers-polarity protection	Yes
Over voltage protection	Yes
Short circuit protection sensor supply	Yes
Short-circuit protection output	Yes
Resistance to loads with regenerative power	Yes
<b>Mechanical data   Material data</b>	
housing	Plastic
<b>Mechanical data   Mounting data</b>	
Height	32,3 mm
Width	77,2 mm
Depth	15 mm
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	70 °C
Ambient temperature (storage, transport)	-40 °C ... 85 °C
<b>Connection type 2</b>	
Connection type 1	AO
Connection type 2	IO-Link AO
Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+ US
PIN 2	n.c.
PIN 3	0 V (Analog US)
PIN 4	AOut (U / I)
Family construction form	M12
No. of poles	4
Coding	A
Gender	male

Color contact carrier	black
PIN 1	24 V DC (L +)
PIN 2	n.c.
PIN 3	0 V (L -)
PIN 4	C / Q / IO-Link