

M12 male 0° / M12 male 0° X-cod. shielded

PUR 4x2xAWG26/7 shielded gn UL/CSA 5m

Art.No.: 7000-51001-7900500

Weight: 0.253

Country of origin: CZ

Model designation: MSXAL0-XA-08D790_5.0-ZS

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available [on request](#)

If you are missing technical information? Please feel free to use our [dictionary](#) to find more technical details.

Product details:

The resistance to aggressive media should be individually tested for your application. Further details on request.

Ethernet CAT6A

Male straight – male straight

M12 – M12, 8-pole

Product fulfills requirements according to UN/ECE R118

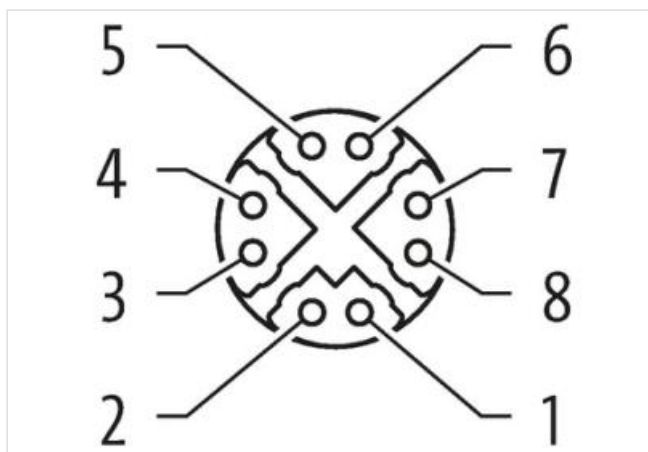
X-coded

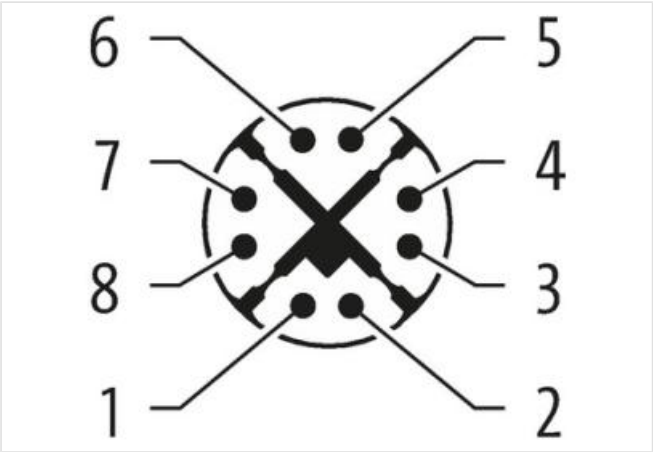
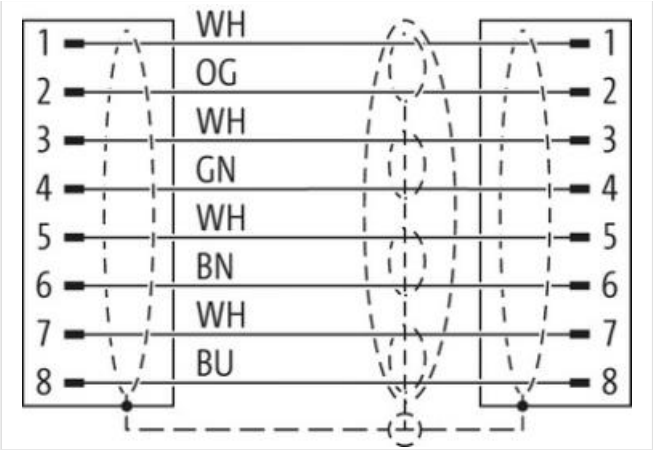
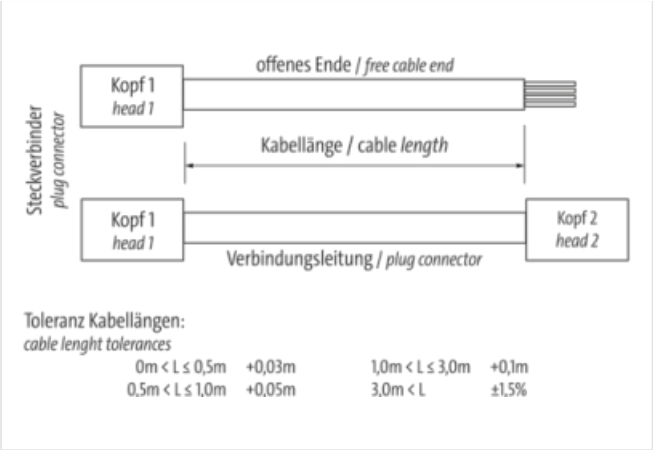
shielded

Transmission properties with channel transmission up to 50 m

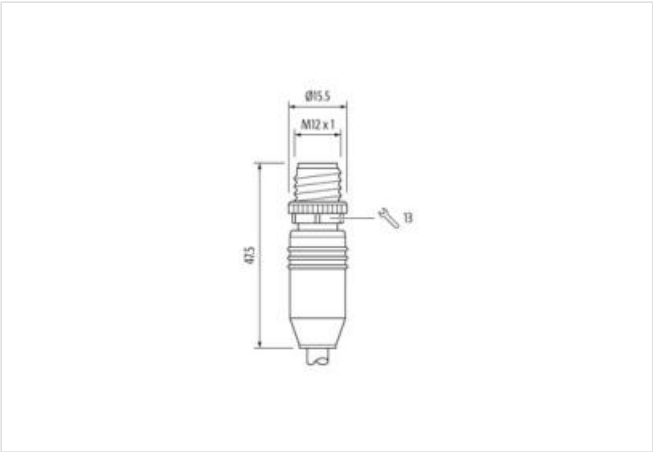
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)**Illustration**



Product may differ from Image



Cable length	5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Gender	male
Cable outlet	straight
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed

Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Gender	male
Cable outlet	straight
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67

Commercial data

ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879536684
EAN	4048879536684
EAN	4048879536684
Packaging unit	1
Packaging unit	1
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	0,5 A

Industrial communication

Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10 GBit/s

Diagnostics

Status indication LED	no
-----------------------	----

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
-----------------------------	---------

Mechanical data | Material data

Coating locking	Nickeled
-----------------	----------

Isolation resistance	5000 MΩ × km
----------------------	--------------

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter