

**M12 male 0° D-cod. / M8 male 0° A-cod. shielded**

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 25m

EtherCAT

Male straight – male straight

M12 – M8, 4-pole

D-coded

shielded

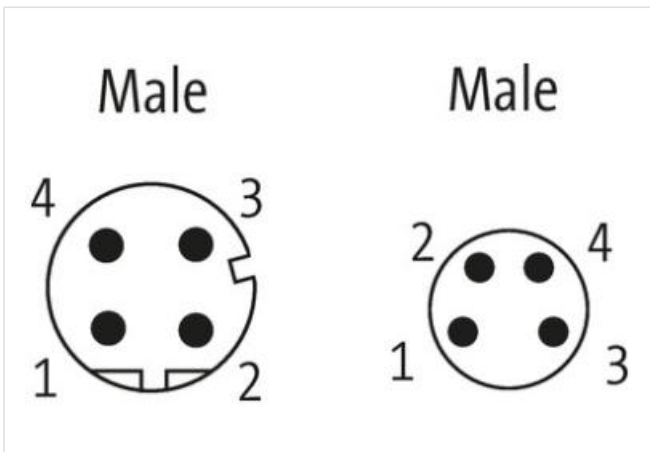
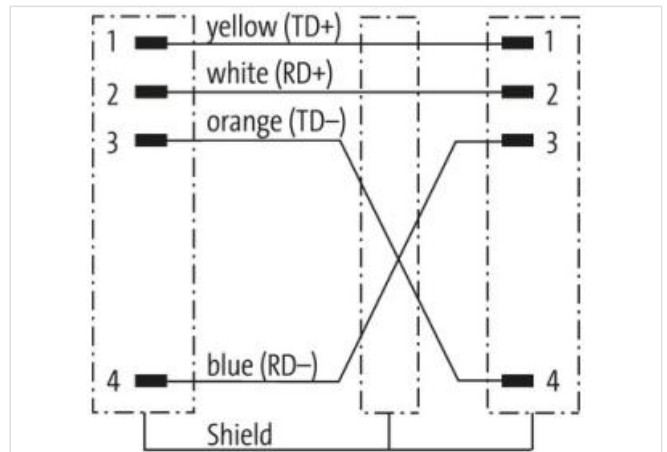
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

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

**제품 링크**

**일러스트**





실제 제품은 이미지와 다를 수 있습니다.



Cable length 25 m

**Side 1**

Tightening torque 0,6 Nm  
 Family construction form M12  
 Thread M12 x 1  
 Coding D  
 Material PUR  
 Width across flats SW13

**Side 2**

Tightening torque 0,4 Nm  
 Family construction form M8  
 Thread M8 x 1  
 suitable for corrugated tube (internal Ø) 8,5 mm  
 Coding A  
 Material PUR  
 Width across flats SW9

**제품자료**

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 EC001855  
 GTIN 4048879747264  
 세번부호 85444290  
 포장단위 1

**Electrical data | Supply**

Operating voltage DC max. 60 V  
 Operating voltage DC max. (UL-listed) 30 V

Current operating per contact max. 4 A

**Industrial communication**

Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s

**Industrial communication | Ethernet functionality**

duplex	Full duplex
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**Device protection | Electrical**

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

**Mechanical data | Material data**

Coating locking	Nickeled
Locking material	Zinc die-casting

**Mechanical data | Mounting data**

Mounting method	inserted, screwed, Shaking protection
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**Environmental characteristics | Climatic**

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

**Important installation notes**

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

**Conformity**

Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
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**Installation | Cable**

wire arrangement	white, orange, blue, yellow
Cable identification	791
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fiber tape, Fleece, Foil
Filler	yes
wire arrangement	white, orange, blue, yellow
Cable weight	59,4 g/m
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,04 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	26 AWG

Conductor crosssection (wire)	26 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2,4 A
Characteristic impedance	100 $\Omega$ $\pm$ 15 % @ 100 MHz
Electrical resistance line constant wire	140 $\Omega$ /km
AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Electric capacitance	51000 pF/km
Power frequency withstand voltage (wire - jacket)	0,7 kV @ 60 s
AC withstand voltage (wire - shield)	0,7 kV @ 60 s
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter
Bending radius (dynamic)	12,5 x Outer diameter
Traversing distance (C-track)	5 m
Travel speed (C-track)	3 m/s