

M12 male 0° / M12 female 0° D-cod. shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 8m

Ethernet CAT5

Male straight – female straight

M12 – M12, 4-pole

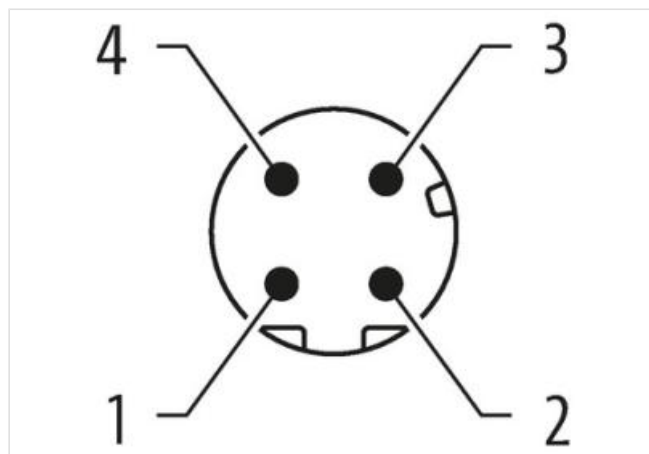
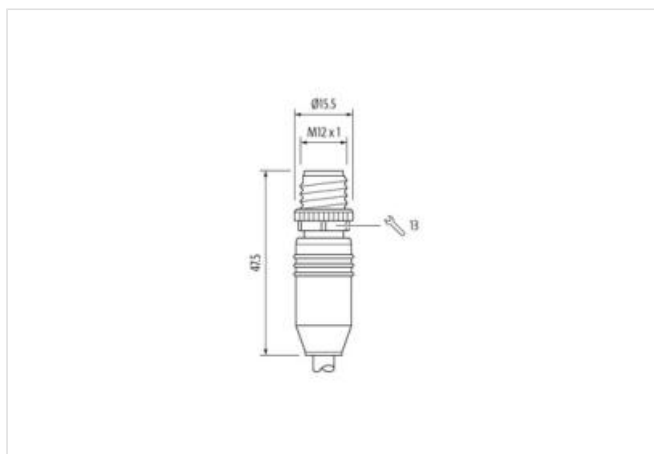
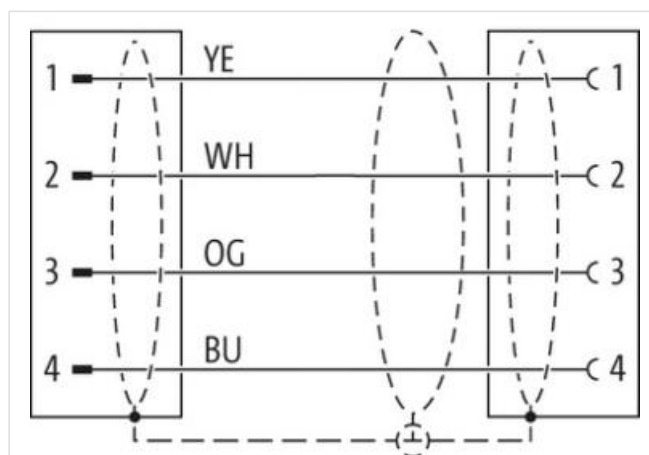
D-coded

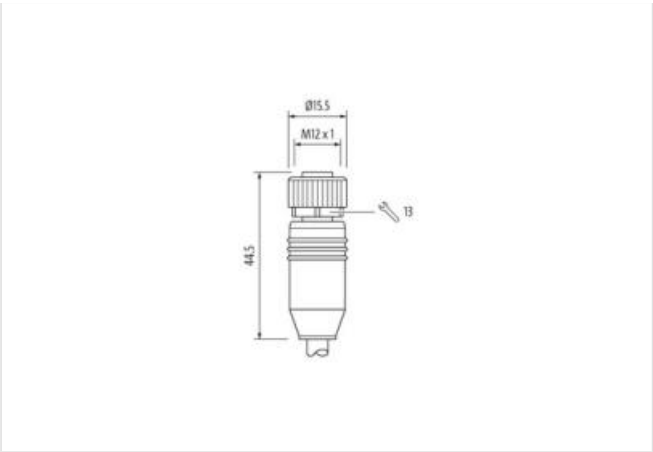
shielded

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.

[Link naar het product](#)**Afbeelding**



Product van afwijken van afbeelding



Cable length	8 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	D
Material	PUR
No. of poles	4
Width across flats	SW13
Commerciële gegevens	
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
Douane tarief nummer	85444290

GTIN 4065909090893

Verpakkingseenheid 1

Electrical data | Supply

Operating voltage DC max. 60 V

Current operating per contact max. 1,5 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

Device protection | Electrical

Degree of protection (EN IEC 60529) IP65, IP67, IP66K

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

Locking material Zinc die-casting

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

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 **Attention:** 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)

Installation | Cable

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) $\pm 5 \%$

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
Traversing distance (C-track)	5 m
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 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	140 Ω /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