

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

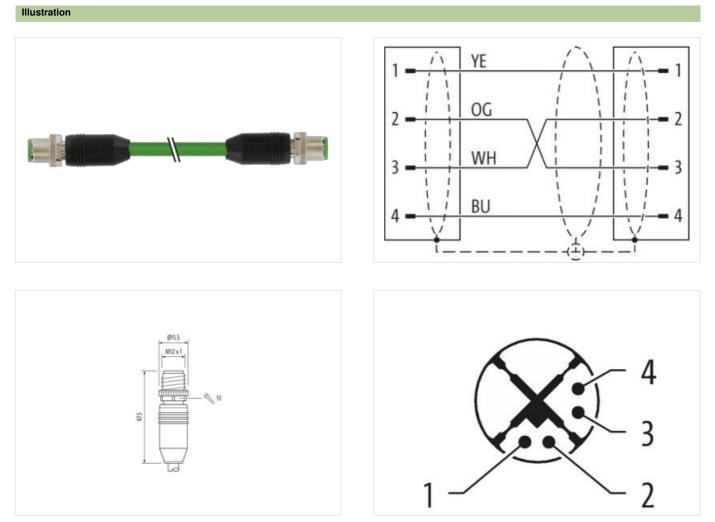
PUR 1x4xAWG24 shielded gn UL/CSA+drag ch. 0.5m

Ethernet CAT5e Male straight – male straight M12 – M12, 4-pole Shielded with cable sleeves

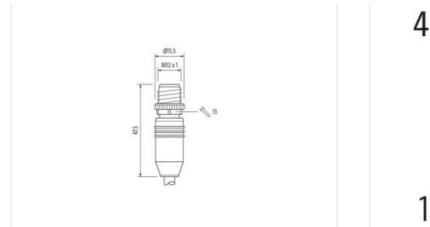
Further cable lengths on request.

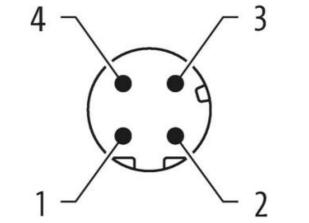
Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product









Product may differ from Image

Cable length	0,5 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Cable outlet	straight	
Coding	Х	
Material contact	Copper alloy	
Material	PUR	
No. of poles	4	
Width across flats	SW13	
Side 2		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
Coating contact	gold plated	
Family construction form	M12	
Thread	M12 x 1	
Cable outlet	straight	
Coding	D	
Material contact	Copper alloy	
Material	PUR	
No. of poles	4	
Width across flats	SW13	
Commercial data		
ECLASS-6.0	27060307	
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	
GTIN	4048879869904	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23

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Packagn unit 1 Electrical data Supply 50 V Operating voltage AC max. 60 V Current operating per contact max. 0,5 A Industrial communication 1 Transfer parameters CAT5e, Class D (ISO/IEC 11801) Data transmission rate max. 100 MBk's Diagnostics 1 Status indication LED no Installiction [Ph assignment 1 Configuration partly used Device protection [Electrical Perice protection degree Device protection (Electrical inserted. screwed Polication protection degree 3 Additional condition protection degree 3 Rated aurge voltage 1.5 kV Material group [Eco 6064-1) 1 Mechanical data Inserted. screwed Locking material Xinc kieled Locking material Inserted. screwed. Shaking protection Locking material Xinc kieled Locking material Inserted. screwed. Shaking protection Mechanical data Mounting data Inserted. screwed. Shaking protection	Electrical data Supply	1
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Stranding 4 wires around Core filler star-shaped twisted	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) White, yellow, blue, orange 585 green cURus
Cable shielding (type) copper braid, tinned	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) White, yellow, blue, orange 585 green cURus
Cable shielding (coverage) 85 %	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) white, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted
Banding Foil	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type)	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) White, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned
Filler yes	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage)	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) white, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned 85 %
wire arrangement white, yellow, blue, orange	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) White, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned 85 % Foil
Cable weigth 68,2 g/m	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) White, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned 85 % Foil yes
Material jacket PUR	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) white, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned 85 % Foil yes white, yellow, blue, orange
Shore hardness jacket 90 Shore A	Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Jacket Color Type of Certificate Amount stranding Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement Cable weigth Material jacket	depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-109 (X-Kod.) - DIN EN 61076-2-101 (D-Kod.) white, yellow, blue, orange 585 green cURus 1 4 wires around Core filler star-shaped twisted copper braid, tinned 85 % Foil yes white, yellow, blue, orange 68,2 g/m PUR

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23

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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	white
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
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	85 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3,5 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3,3 m/s

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