

M12 female 0° D-cod. with cable shielded

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 15m

Ethernet CAT5 Female straight M12, 4-pole D-coded shielded

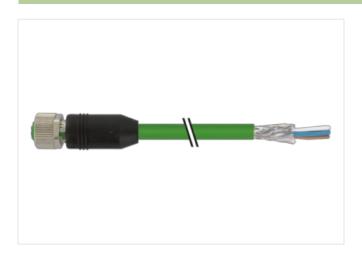
Further cable lengths on request.

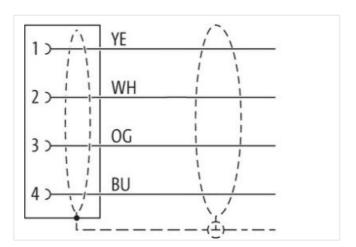
Plastic housings with good resistance against chemicals and oils.

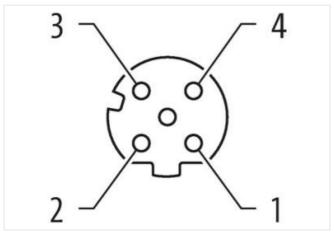
The resistance to aggressive media should be individually tested for your application. Further details on request.

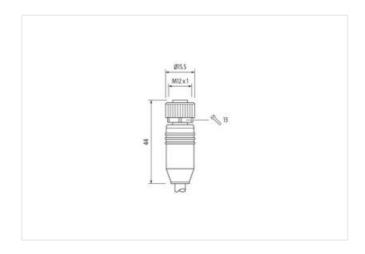
Link to Product

Illustration









Product may differ from Image











Cable length

15 m

Side 1



stay connected

Mounting method Inserted, sorewed	Tightening torque	0,6 Nm	
Family construction from	Mounting method	inserted, screwed	
Tread		M12	
Material PUR Width across flats SW13 SW13 Sugres of prosection (EN IEC 60529) IP65, IP68K, IP67 Sugres of prosection (EN IEC 60529) IP65, IP68K, IP67 Sugression (EN IEC 60529) Sugression (EN IEC 60529		M12 x 1	
Might across flats	Coding	D	
Degree of protection (EN IEC 60829)	Material	PUR	
COLASS-6.0 27061801	Width across flats	SW13	
ECLASS-6.0 27061801 ECLASS-7.0 27063037 ECLASS-7.0 27063037 ECLASS-9.0 27063037 ECLASS-9.0 27063037 ECLASS-9.0 27063037 ECLASS-9.0 27063037 ECLASS-1.1 27063037 ECLASS-1.1 27063037 ECLASS-1.1 27063037 ECLASS-1.2 27063037 ECLAS-1.2 27063037 ECLASS-1.2 27063037 ECLASS-1.2 27063037 ECLASS-1.2 27063037 ECLAS-1.2 27063037 ECLAS-1.2 27063037 ECLAS-1.2 27063037 ECLAS-1.2 27063037 ECLAS-1.2 27063037 ECLAS-1.2 27063	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
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Packaging unit 1	customs tariff number	85444290	
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Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C	
Important installation notes	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 strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	

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: 2024-05-19



stay connected

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces.

Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	800
Jacket Color	
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	85 %
Banding	Foil
Filler	yes
wire arrangement	yellow, blue, orange, white
Cable weigth	73,7 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	FRNC
Color (inner jacket)	natur
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,53 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
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)	15 x Outer diameter



Travel speed (C-track)

2 Mio. @ 25 °C