

M12 female 90° Y-cod. with cable shielded

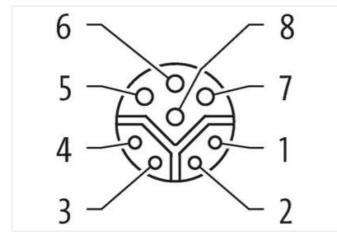
PUR AWG20/26 shielded bk UL/CSA+drag ch. 5m

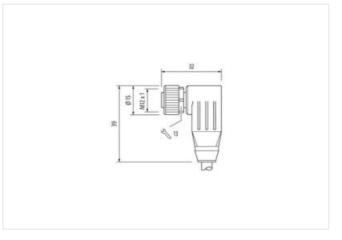
Ethernet CAT5 Female 90° M12, 8-pole Y-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



OG	
GN WH	
GN	
BU	
WH	
BN	
BK	
	GN WH GN BU WH BN





Product may differ from Image



Cable length

5 m

Side 1

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: 2024-06-26



Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	Y
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279218
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
customs tariff number	85444290
GTIN	4048879905176
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Operating voltage DC max. (UL-listed)	30 V
Operating current per data contact max.	0,5 A
Operating current per power contact max.	6 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 function	tionality
duplex	Full duplex
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
· · ·	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage Material group (IEC 60664-1)	0,8 kV
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
mation in this Product-PDF has been compiled with the	

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Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 5,9 A	Operating temperature max.	85 °C
Note on sharin relial Protect the connectors by suitable measures from machanical loade, a.g. by the usage of cable loss. Note on bending radius Enterior: Conserve the parmisable bending radii when laying cables, as the IP protection class can be and ungedow by accessive bending radii when laying cables, as the IP protection class can be and ungedow by accessive bending radii when laying cables, as the IP protection class can be and ungedow by accessive bending conserved. Product standard Description of the particular descriptis description o	Additional condition temperature range	depending on cable quality
Note on bending radiu Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be orderated by excessive bending toros. Centomity Product standard DN IN 1078-2-101 (M12) Installation I Cable Used, brown, while, blue, (range while, green, orange, green-while) Cable identification Bos Distance Specification Bos Distance Distance Anount stranding 1 Stranding 1 Stranding (type 2) 1 Stranding combination with Faller twisted Anount stranding (type 2) 4 wises around Stranding combination with Faller twisted Distance Cable behalting (type) cooper braid, timed Stranding (type 2) 4 wises around Stranding combination with Faller twisted Cable behalting (type) cooper braid, timed Stranding (type 3) 4 wises around Stranding contention with Faller twisted Cable behalting (type) cooper braid, timed Stranding (type 3) 4 wises around Stranding contention with Faller twisted Cable behalting (type) cooper braid, timed Stranding (type 3) 5 Stranding (type 3) Cable behalting (type) cooper braid, timed Stranding (type 3) 5 Stra	Important installation notes	
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Product standard DIN EN 61076-2-101 (M12) Installion (Cable wire arrangement black brown, while, blue, (orange-while, green, orange, green-while) Cable identification 96 Jacket Color black Type of Caffrides URJus Amount stranding 1 Stranding (type 2) 1 Stranding (type 2) 4 Stranding (type 2) 4 Stranding (type 2) 5 Stranding (type 2) 0 Stranding (type 2)	Note on bending radius	
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	Current load capacity min. Wire (Data)	2 A

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: 2024-06-26



Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
Electrical resistance coating wire (Data)	140 Ω/km
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Isolation resistance	5000 ΜΩ
Min. operating temperature (static)	-50 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Traversing distance (C-track)	5 m
Travel speed (C-track)	3,3 m/s
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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