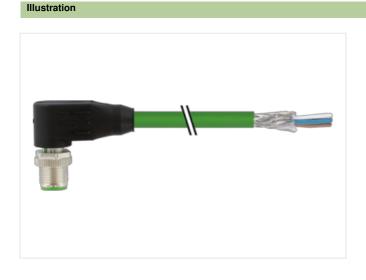


M12 male 90° Y-cod. with cable shielded

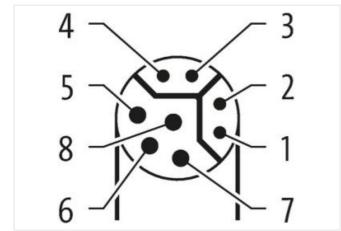
PUR AWG20/26 shielded gn UL/CSA+drag ch. 25m

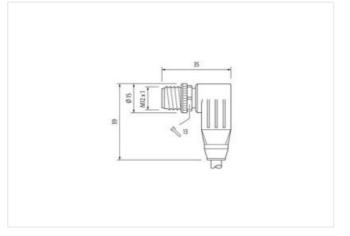
Ethernet CAT5 Male 90° M12, 8-pole Y-coded shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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11	GN WH	1111
ii	GN	
	BU	
	WH	
	BN	
	BK	





Product may differ from Image



Cable length

25 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: 2024-05-18



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	4048879846592
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
	M12 X 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	
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

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Additional condition temperature range depending on cable quality Important installation noise Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable test. Note on stain refer Protect the connections by suitable measures from mechanical loads, e.g. by the usage of cable test. Installation Cobie Entertherino: Observe the permissible bending forces. Total distribution 805 Jacket Coor green Type of Conflicate QHua Anound stranding (type 2) 1 Stranding (type 2) 4 was around Stranding combination with Filter buisted Cable abieding (type) capper braid, finend Cable abieding (type)	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fee. Note on bencing radius Election: Coberve the permissible bencing radii when siying cables, as the IP protection class can be ondarigored by occessive boncing forces. Installation: Description: Description: Cable identification: Description: Description: Standing Queres Queres Queres Standing (type) Queres Queres Queres Standing (type) Queres Queres Queres Standing (type) Queres Queres Queres Cable shielding (type) Opport braid, finned Queres Queres Cable shielding (type) Opport braid, finned Queres Queres Queres Cable shielding (type) Opport braid, finned Queres	Additional condition temperature range	depending on cable quality
Note on bending radius Retention: Chowse he pagemictible bending null when haying cables, as the IP protection datas can be ended and the pagemictible bending forces. Installation (Cable) Cable dending cables, as the IP protection datas can be grant and the pagemictible bending null when haying cables, as the IP protection datas can be grant and the pagemictible bending null when haying cables, as the IP protection datas can be grant and the protection data can be protection data can be protection data can be protection data can be protectin data can be protection data can be protecan can be g	Important installation notes	
Name or cases in a case of a case	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 865 Jacket Color green Type of Carificatio URus Anount stranding 1 Stranding 4 wires around 1 Filler twisted Anount stranding (type 2) 1 Stranding (type 2) 4 wires around Stranding combination with Filler twisted Cable shielding (type) copper brait, timed Cable shielding (type) copper brait, timed Cable shielding (type) copper brait, timed Stranding (type) copper brait, timed Cable weight Filler Wire arrangement black, town, while, blue, (orange-while, green, orange, green-while) Cable weight 107.8 g/m Material picket 90.5 S Store A Freedom from ingreations (tacket) 8.4 free, cadmum-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) 2.5 % Material wire insulation PP Anount twice 4 Color diameter (sheath) 2.5 % Cable wire insulation 5.5 Store D Torarande (wire) 19 Card diameter vie insulation (Dath)	Note on bending radius	
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Electrical resistance line constant wire 35 Ω/km		
	Electrical resistance line constant wire	35 Ω/km

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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
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 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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