

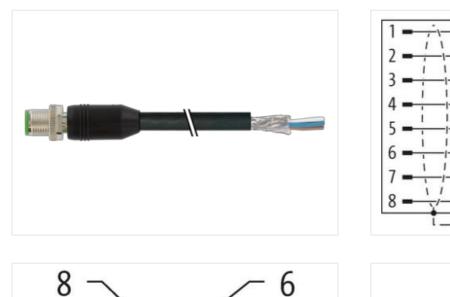
M12 male 0° Y-cod. with cable shielded

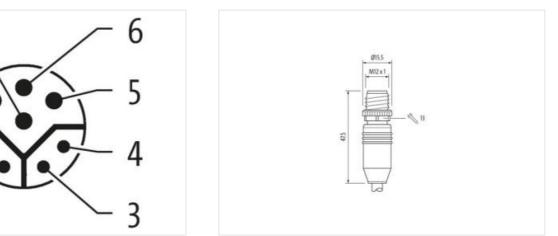
PUR AWG20/26 shielded bk UL/CSA+drag ch. 20m

Ethernet CAT5 Male straight 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 WH

GN WH

1

1

0G

GN BU

WH

BN BK

Product may differ from Image



Cable length

20 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: 2024-04-24



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)	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	4048879762809	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	50 V	
Operating voltage DC max.	50 V	
Operating voltage AC (UL-listed)	30 V	
Operating voltage DC (UL-listed)	30 V	
Current operating per contact (UL)	3,3 A	
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	0,8 kV	
Material group (IEC 60664-1)		
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 lemperature range depending on cable quality Contorning UNIX 56 1076-2-101 [M12] Installand Cohe Edite identification Cable identification 805 Stack Color Baak Type of Centrates CHUs Amount stranding 1 Stranding 4 wires around 1 Filler twisted Amount stranding (type 2) 4 wires around Stranding contribution with Filler twisted Cable tableding (type) capper traid, finned Cable tableding (type) capper traid, finned Earling Paice Schelling (type) Stranding (type) capper traid, finned Banding Flace Water Stranding (type) capper traid, finned Stranding (type) capper traid, finned Water Stranding (type) capper traid, finned Stranding (type) filter twisted No. of traids (type) filter twisted No. of traids (type) filter twisted No. of traids (type) filter twisted Stranding (type) filter twisted Stranding (type) filte	Operating temperature max.	85 °C
Product standardDIN EN 8 1076 2 101 (M12)Installation (SalosCable identification (Salos)Start ColorBlackType of CarlicatiaCable identification (Salos)Start Salos (Salos)Start Salos (Salos)Start Salos (Salos)Start Salos (Salos)Start Salos (Salos)Start Salos)Start Salos (Salos)Start Salos)Start Salos)<	Additional condition temperature range	depending on cable quality
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Cable identificationB05Jackel ColorUlackType of CartificationCLPusAmount stranding1Stranding4 wises around 1 Filler twistedAmount stranding (type 2)1Stranding (type 2)0 copper traduit (tranding type 3)Cable shielding (type)0 copper traduit (tranding combination with Filer twistedCable shielding (type)0 copper traduit, fundiCable shielding (type)0 copper traduit, fundiBanding (type)0 copper traduit, fundioNo. of bording cyclus (C track)5 fundioNo. of bording cyclus (C track)5 fundioStrash hardness jackelt10 2 5 fishere AFreacon from ingredints (jackelt)16 4 fine, cadmium free, CFC free, halogen-free, silicone-freeCader diameter (sheart)5 5 %Cadre diameter (sheart)5 5 %Cadre diameter (sheart)5 5 %Cadre diameter (sheart)15	Installation Cable	
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Electrical resistance coating wire (Data) 140 Ω/km		
Nominal voltage power AC max. 60 V		
	Nominal voltage power AC max.	60 V

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Electrical capacity line constant (wire - wire) (power)	52000 pF/km
AC withstand voltage power (wire - shield)	1 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1 kV @ 60 s
AC withstand voltage power (wire - wire)	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 § 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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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