

M12 female recept. Y-cod. shielded rear

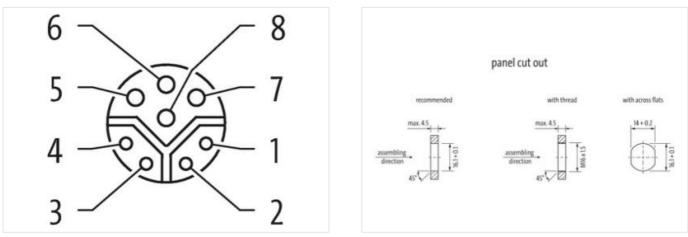
PUR AWG20/26 shielded bk UL/CSA+drag ch. 0.6m

Ethernet CAT5 Flange female Good chemical and oil resistance (oil resistance does not apply to use with PVC cable) M12, 8-pole Y-coded shielded Transmission properties with channel transmission up to 50 m Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



1 2 1	white/orange
2	orange
3 - ! !	white/green
	green
	blue
	white
7	brown
	black
	l shield



Product may differ from Image



Cable length

0,6 m

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: 2024-04-16



Side 1

Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating head	nickel plated
Family construction form	M12
Thread	M12 x 1
Coding	Y
Material	Brass
No. of poles	8
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879536332
Packaging unit	1
Electrical data Supply	
Dperating 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
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 func	tionality
duplex	Full duplex
Installation Connection	
Mounting set	M16 x 1.5
Nidth across flats	SW19
Device protection Electrical	
Protection NEMA	3, 4, 6P
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 housing	nickel plated
	nickel plated
Coating locking	nickel plated
Coating locking Coating of fitting	nickel plated
Coating locking Coating of fitting Locking material Material screw connection	

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Locking techniques Structurgumental characteristics (Climatic Environmental characteristics (Climatic 5° ° Operating temperature max. 5° ° Approvals temperature max. Approvals temperature max. Approvals yes Installation (Cable) temperature max. Cable identification 605 Locket Cable climatic cli	Mounting method	Schraubgewinde
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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: 2024-04-16



Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
Electrical resistance coating wire (Data)	140 Ω/km
Nominal voltage power AC max.	60 V
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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