

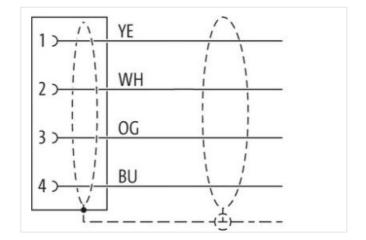
## M12 female recept. D-cod. shielded rear

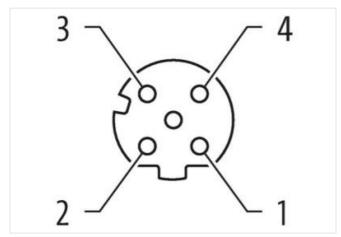
PUR 1x4xAWG22 shielded gn UL/CSA 2m

Ethernet CAT5 Flange female M12, 4-pole D-coded shielded Rear mounting Further cable lengths on request. 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

2 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: 2024-05-03



Cading       0         Madrial       Brass         Degree of protection (EN IEC 6052))       IP67         Commercial dats       2777920         ECLASS 4.0       2777920         ECLASS 5.1       2777920         ECLASS 5.0       27440103         ECLASS 5.1       27440103         ECLASS 5.1       27440103         ECLASS 5.1       27440103         ECLASS 5.1.0       27440103         ECLASS 5.1.0       27440103         ECLASS 5.1.0       ECA00185         ECLASS 5.1.0       ECA00185         ECLASS 5.1.0       ECA00185         ECLASS 5.1.0       ECA00185         ECLASS 5.1.1       ECA00185         ECLASS 6.1.1       ECA00185         ECLASS 6.1.1       ECA00185         ECA0181       ECA018105         ECA01815       ECA01815         Echtech data [Supply       Echtech data [Supply] <td< th=""><th>Tightening torque</th><th>0,6 Nm</th></td<>	Tightening torque	0,6 Nm
Family construction form       M12         Traised       M12 x 1         Coding       D         Material       Briss         Degree of profection (EN IEC 0057)       IP67         Connection (EN IEC 00585)       IP67	Mounting method	inserted, screwed
Thesd       M12 x 1         Coding       D         Awareal       Braks         Degree of protection (EN IEC 00029)       IP67         Commercial data       E         ECLASS 8.0       27279220         ECLASS 8.1       27279220         ECLASS 8.0       27440103         ECLASS 9.0       27440103         ECLASS 10.1       27440103         ECLASS 10.2       27440103         ECLASS 10.4       27440103         ECLASS 10.0       ECO001895         Couloms liaff number       8644290         GTN       4084927550128         Probating or Max       00 V         Operating voltage DC max.       00 V         Derastrid communication       If the x 1.5         Industrid communication   Ethernet functionality       duptax         Industrid communication   Ethernet functionality       duptax         Industrid communication   Ethernet functionality       duptax		M12
Material       Brass         Degree of protection (EN IEC 60529)       IP67         Commercial data       E         ECLASS 6.0       2279200         ECLASS 6.0       2724920         ECLASS 7.0       27440103         ECLASS 7.0       274500	Thread	M12 x 1
Material       Brass         Degree of protection (EN IEC 60529)       IP67         Commercial data       E         ECLASS 6.0       2279200         ECLASS 6.0       2724920         ECLASS 7.0       27440103         ECLASS 7.0       274500	Coding	D
Commercial data       CVT 278220         ECLASS 6.0       27727820         ECLASS 7.0       2740103         ECLASS 7.1       2740103         ECLASS 7.1       2740103         ECLASS 7.1       27440103         ECLASS 7.2       2744103         Educisi Comunication 7       15	Material	Brass
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ECLASS-6.1       222920         ECLASS-7.0       27440103         ECLASS-7.0       27440103         ECLASS-8.0       27440103         ECLASS-10.1       27440103         ECLASS-11.1       27440103         ECLASS-12.0       2740103         Eclass-12.0       200	Commercial data	
ECLASS-6.1       222920         ECLASS-7.0       27440103         ECLASS-7.0       27440103         ECLASS-8.0       27440103         ECLASS-10.1       27440103         ECLASS-11.1       27440103         ECLASS-12.0       2740103         Eclass-12.0       200	ECLASS-6.0	27279220
ECLASS 7.0       27440103         ECLASS 8.0       27440103         ECLASS 8.1       27440103         ECLASS 8.1.1       27440103         ECLASS 8.1.1       27440103         ECLASS 1.1       27440103         ECLASS 1.1       27440103         ECLASS 1.2.0       27440103         ECLASS 1.2.0       27440103         ECLASS 1.2.0       27440103         ECLASS 1.0       27440103         ECLASS 1.0       27440103         ECLASS 1.0       27440103         ECLASS 1.0       27440103         ECLASS 12.0       274440103         ECLASS 12.0       274440103         Electrical data 1900       60 V         Current operating per contact max.       1.5 A         Industrial communication       Full duplex         Industrial communication       Full duplex		
ECLASS-8.0       27440103         ECLASS-9.0       27440103         ECLASS-9.0       27440103         ECLASS-1.1       27440103         ECLASS-12.0       27440103         Currot operators parameters       60 V         Corrent operators parameters       CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functo-class       Industrial communication = Ethernet functo-class         Industrial communication   Ethernet functo-class       Full duplex         Industrial communication   Ethernet functo-class       SW19         Device protecl		
EQLASS 9.0       27440103         EQLASS 9.0.1       27440103         EQLASS 9.1.1       27440103         EQLASS 9.1.2       27440103         EQLASS 9.1.1       EXPLAST 9.2         EXAST 9.2       27440103         EQLASS 9.1.1       EXPLAST 9.2         Exating 10mber       ES444290         GTIN       4049879569126         Packaging unit       1         Efectical dia 1 Supply       E         Operating voltage DC max.       60 V         Current operating per contact max.       1.5 A         Industrial communication       E         Industrial communication       E         Industrial communication Pitterent functionality       E         Industrial communication [Effectrical Supply       E         Device protection [Effectrical Supply       E         Protescion NEMA       3, 4, 6P         Additional protection degree       Inserted, screwed         Polluion Degree       3         Rated surge volt		
ECLASS-10.1       2740103         ECLASS 12.0       27440103         ECLASS 12.0       27440103         ETIM-5.0       EC001855         customs faulf number       8544290         GTIN       40487559128         Packaging unit       1         Etertical data [Supply       Control operating voltage DC max.         Operating voltage DC max.       60 V         Current operating per contact max.       1.5 A         Industrial communication       CATS, Class D (ISO/EC 118012002), (EN 50173-1)         Data transmission rato max.       100 MB/r/s         Industrial communication [Ethernet functionality       duplex         Mounting set       Full duplex         Industrial communication [Ethernet functionality       duplex         Mounting set       M16 x 1.5         Mounting set       SVI 9         Device protection [Etectrical       Protection [Etectrical         Protection VEMA       3, 4, 6P         Additional condition protection degree       3         Rated suge voltage       1,5 KV         Material group (Eco 6664-1)       1         Material group (Eco 6664-1)       1         Material funconaling data		
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ETIM-S.0       ECO01855         customs tuilf number       86444290         GTIN       4048879559126         Packaging unit       1         Electrical data   Supply	ECLASS-12.0	27440103
busitoms tarilf number       85444290         GTIN       4048879559126         Packaging unit       1         Electrical dia   Supply       60 V         Current operating voltage DC max.       60 V         Current operating per contact max.       1,5 A         Industrial communication       Electrical dia Supply         Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Electrical turceturceturceturceturceturceturceturce	ETIM-5.0	
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Packaging unit       1         Electrical data [Supply       60 V         Current operating voltage DC max.       60 V         Current operating per contact max.       1,5 A         Industrial communication       Industrial communication         Transfer parameters       CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       Idustrial communication   Ethernet functionality         Mounting set       M16 x 1.5         Width across flats       SW19         Device protection [Etectrical       Surger voltage         Protection Inserted, screwed       Sa         Pollution Degree       3         Rated surge voltage       1,5 KV         Material group (IEC 60664-1)       I         Material group (IEC 60664-1)       I         Mechanical data   Material data       Isass         Coating of fitting       nickel plated         Coating of fitting       nickel plated         Coating techniques       Schraubgewinde         Locking material       Brass         Muterial char Mounting data       Schraubgewinde         Locking itechniques       S	GTIN	
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Industrial communication       CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBit/s         Industrial communication   Ethernet functionality       Industrial communication   Ethernet functionality         duplex       Full duplex       Full duplex         Installation   Connection       Industrial communication   Ethernet functionality         Mounting set       M16 x 1.5         Width across flats       SW19         Device protection   Electrical       Instended of the second of the		
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Width across flats   SW19     Device protection   Electrical   Protection NEMA   3, 4, 6P     Additional condition protection degree   inserted, screwed     Pollution Degree   3     Rated surge voltage   1,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   I     Coating locking   nickel plated     Coating of fitting   nickel plated     Coating of fitting   nickel plated     Locking material   Brass     Material screw connection   Brass     Methanical data   Mounting data   Mounting method     Looking techniques   Schraubgewinde     Looking techniques   Schraubgewinde     Doperating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	Installation   Connection	
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Mechanical data   Material data       Coating locking     nickel plated       Coating of fitting     nickel plated       Coating material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Mounting method       Mounting method     Schraubgewinde       Looking techniques     Schraubgewinde       Doperating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
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Locking material     Brass       Material screw connection     Brass       Mechanical data   Mounting data     Mounting method       Mounting method     Schraubgewinde       Looking techniques     Schraubgewinde       Environmental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		-
Material screw connection     Brass       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Looking techniques     Schraubgewinde       Environmental characteristics   Climatic     Schraubgewinde       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality		
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Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality	· ·	
Additional condition temperature range depending on cable quality		
	important instanation notes	

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: 2024-05-03



Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Approvals	
UL 50E	yes
Installation   Cable	
Cable identification	794
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	white, yellow, blue, orange
Cable weigth	75,87 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6.7 mm
Tolerance outer diameter (sheath)	±5%
Vaterial inner jacket	FRNC
Color (inner jacket)	white
Material wire insulation	PE
Amount wires	4
Duter diameter insulation	1,55 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 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
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 %
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)	52000 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)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2
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)	6 x Outer diameter

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Bending radius (dynamic)

12 x Outer diameter

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: 2024-05-03