

## 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

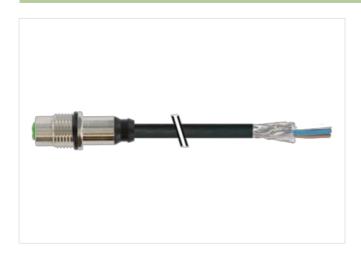
Transmission properties with channel transmission up to 50 m

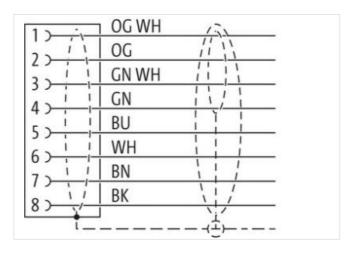
Further cable lengths on request.

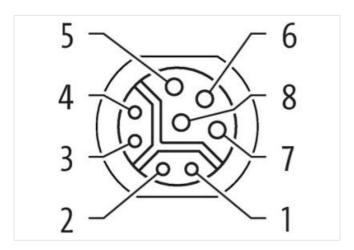
The resistance to aggressive media should be individually tested for your application. Further details on request.

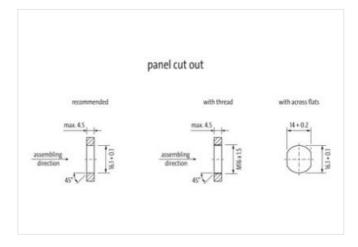
## **Link to Product**

## Illustration



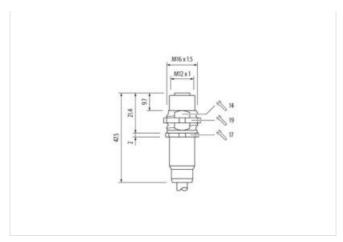








stay connected



Product may differ from Image









Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating head	nickel plated
Family construction form	M12
Thread	M12 x 1
Coding	Υ
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	
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
Operating current per data contact max.	0,5 A
Operating current per power contact max.	6 A
Industrial communication	

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Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet funct	iionality
duplex	Full duplex
Installation   Connection	
·	NAO. 4 E
Mounting set Width across flats	M16 x 1.5 SW19
	2019
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)	I
Mechanical data   Material data	
Coating housing	nickel plated
Coating locking	nickel plated
Coating of fitting	nickel plated
Locking material	Brass
Material screw connection	Brass
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Approvals	
UL 50E	yes
Installation   Cable	
Cable identification	805
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around 1 Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 wires around Stranding combination with Filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Pair shielding (type)	copper braid, tinned
Banding	Fleece, Foil
Filler	yes
wire arrangement	black, brown, white, blue, (orange-white, green, orange, green-white)
Cable weigth	107,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,1 mm

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± 5 % PP 4 1,5 mm ± 5 %
4 1,5 mm
1,5 mm
55 ± 5 Shore D
ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
19
20 AWG
20 AWG
Stranded copper wire, bare
PP
1,1 mm
± 5 %
55 ± 5 Shore D
ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
4
<del>*</del> 19
26 AWG
26 AWG
Stranded copper wire, bare
5 m
60 V
to DIN VDE 0298-4
5,9 A
2 A
100 Ω ± 15 % @ 1 MHz
35 Ω/km
140 Ω/km
1 kV @ 60 s
52000 pF/km
1 kV @ 60 s
1 kV @ 60 s
50 °C
80 °C / 90 °C @ 10000 h Operation
-40 °C
80 °C / 90 °C @ 10000 h Operation
UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
Good, application-related testing
Good, application-related testing
DIN EN 60811-404   Good, application-related testing
x Outer diameter
5 x Outer diameter
10 x Outer diameter
5 Mio.
2 Mio.
± 30 °/m
35 cycles/min
1 2 2 S P 1 ± 5 6 4 1 2 2 S 5 6 kg 5 2 1 3 1 1 5 1 1 K 8 4 B U G G D × 5 1 5 2 ±