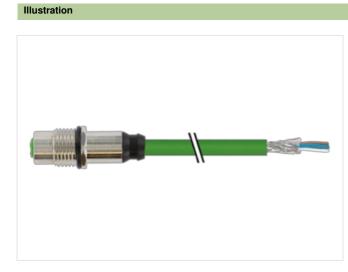


M12 female recept. Y-cod. shielded rear

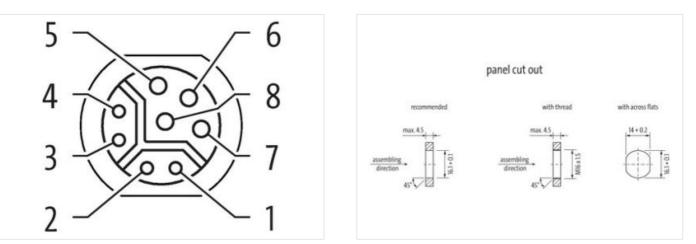
PUR AWG20/26 shielded gn UL/CSA+drag ch. 0.6m

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

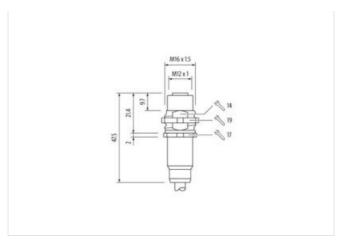


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Product may differ from Image



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	γ
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	4048879536387
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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Data transmission rate max.	100 MBit/s	
Industrial communication Ethernet fur	nctionality	
duplex	Full duplex	
Installation Connection		
Mounting set	M16 x 1.5	
Width 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	
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 Climati	c	
Operating temperature min.	-25 °C	
Operating temperature max.	85 ℃	
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.	
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	ves	
	y00	
Installation Cable		
Cable identification	805	
Jacket Color	green	
Type of Certificate	cURus	
Amount stranding	1 4 wires around 1 Filler twisted	
Stranding Amount stranding (type 2)	4 wires around 1 Filler twisted 1	
Stranding (type 2)	4 wires around Stranding combination with Filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (type)	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	



Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,5 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	20 AWG
Conductor crosssection (wire)	20 AWG
Material conductor wire	Stranded copper wire, bare
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,1 mm
Tolerance outer diameter wire insulation (data)	±5%
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	4
Amount strands wire (Data)	19
Diameter of single wires (Data)	26 AWG
Conductor crosssection wire (Data)	26 AWG
Material conductor wire (Data)	Stranded copper wire, bare
Traversing distance (C-track)	5 m
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	5,9 A
Current load capacity min. Wire (Data)	2 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	35 Ω/km
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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