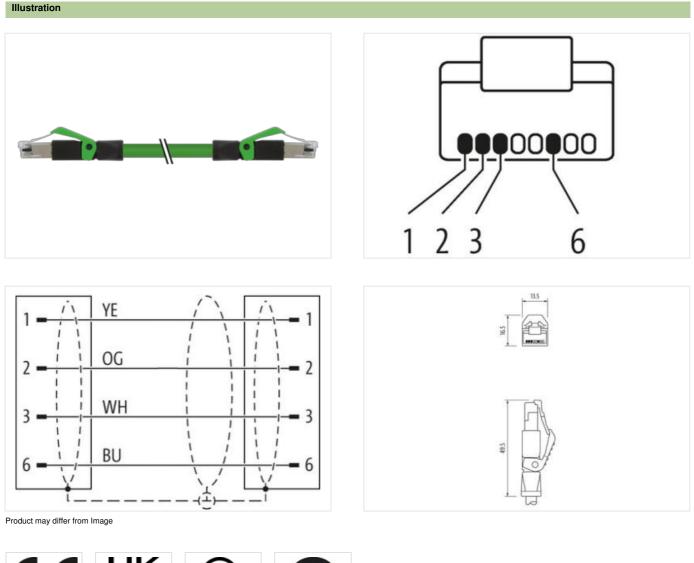


RJ45 male 0° / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 1.5m

Product fulfills requirements according to UN/ECE R118 Ethernet CAT5 Male straight - male straight RJ45 - RJ45, 4-pole 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





Cable length

1,5 m

Side 1

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Family construction form RJ45 No. ot poles 4 Commercial data E ECLASS-6.0 27061801 ECLASS-5.1 27060307 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-1.1 27060307 ECLASS-1.0 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.2 27060307 ECLASS-1.0.1 27060307 ECLASS-1.0.2 27060307 ECLASS-1.0.1 27060307 Cuastrial communication ECLASS-1.0 Oritor proraging bor contat. 1.5 A	Mounting method	inserted
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Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Device protection Electrical Degree of protection (EN IEC 60529) IP20 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Vertice for corrugated hose Material housing PUR Locking material PA Mechanical data Mounting data Endemote of Paint Connector	Industrial communication	
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Status indication LEDnoDevice protection ElectricalDegree of protection (EN IEC 60529)IP20Pollution Degree3Rated surge voltage1 kVMaterial group (IEC 60664-1)1Mechanical datavithoutMechanical data Material dataPURMaterial housingPURLocking materialPAMechanical data Mounting dataSnap-in connector	duplex	Full duplex
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Mechanical data without Contour for corrugated hose without Mechanical data Material data PUR Material housing PUR Locking material PA Mechanical data Mounting data Snap-in connector	Rated surge voltage	1 kV
Contour for corrugated hose without Mechanical data Material data PUR Material housing PUR Locking material PA Mechanical data Mounting data Snap-in connector	Material group (IEC 60664-1)	1
Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Experimentation of the second of the seco	Mechanical data	
Material housing PUR Locking material PA Mechanical data Mounting data Snap-in connector	Contour for corrugated hose	without
Locking material PA Mechanical data Mounting data Snap-in connector	Mechanical data Material data	
Locking material PA Mechanical data Mounting data Snap-in connector	Material housing	PUR
Mechanical data Mounting data Looking techniques Snap-in connector		
Looking techniques Snap-in connector		
		Snap-in connector
Operating temperature min25 °C	Operating temperature min.	-25 °C
Operating temperature max. 85 °C	Operating temperature max.	85 °C
Additional condition temperature range depending on cable quality	Additional condition temperature range	depending on cable quality
Important installation notes	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 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.	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation Cable	Installation Cable	
Cable identification 796	Cable identification	796
Jacket Color green		

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Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core 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	69,3 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%
Material inner jacket	FRNC
Color (inner jacket)	natur
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,4 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
Traversing distance (C-track)	5 m @ 25 °C
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 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	
	2 kV @ 60 s
- · · ·	2 kV @ 60 s
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire -	50000 pF/km
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket)	50000 pF/km 2 kV @ 60 s
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing 5 × Outer diameter 12 × Outer diameter
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (fixed) Bending radius (dynamic) No. of bending cycles (C-track)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing 5 x Outer diameter 12 x Outer diameter 3 Mio. @ 25 °C
Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Loop resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (fixed) Bending radius (dynamic)	50000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing 5 × Outer diameter 12 × Outer diameter

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