

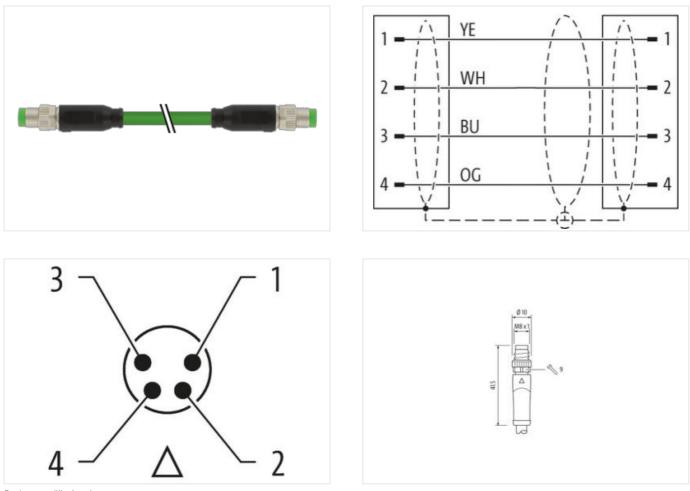
M8 male 0° / M8 male 0° A-cod. shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 7m

Ethernet CAT5 Male straight - male straight M8 - M8, 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





Product may differ from Image



7 m Cable length Side 1 0,4 Nm Tightening torque 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: 2024-05-09



Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	8,5 mm
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4
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Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444290
GTIN	4048879565110
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Data transmission rate max.	100 MBit/s
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	nickel plated
Material housing	PUR
Locking material	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	

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Additional condition temperature range depending on cable quality Important installation noise Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable los. Advise on sharin relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable los. Conformity Thereisen Conserve beaming forces. Conformity There is an analyze beaming forces. State strateding forcernage. 85 % State force conserve beaming forces. State strateging frame conserve beaming forces. State strateging frame conserve beaming forces. State strateging frame conserve beaming forces. State strateging frame conserve beaming forces. State strateging frame conserve strateging frame conserve beaming conserve strateging frame conserve strateging	Operating temperature min.	-25 °C
Important installation notes Protect the connectors by suitable measures from machanical laads, e.g. by the usage of cable hee. Vote on bording radius Attentic: Cocarve the permissible bonding radii when laying cables, as the IP protection class can be advagered by excessive bending factores. Conforming DIN EN 61076-2-114 (MB) Installation (Cable UNE NS 1076-2-114 (MB) Excession (Cable) groon Standing Que to short (Cable) Excession (Cable) groon Standing View same shaped twisid Cable shirt(Ging (Dyee) cocper have same shaped twisid Cable shirt(Ging (Dyeerage) 85 % Standing Fiber tape, Fleece, Foil Bar yee Carl (Cable) Hee arrange the fiber tape, Fleece, Foil Bar yee Carl (Cable) King (Cable) View arrange the fiber tape, Fleece, Foil fiber tape, freece, Foil Bar yee (Sh) Carl (Cable)	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable sites. Attention: Costerve the permissible bending radiu when kying cables, as the IP protection class can be endergreated by successive bending fuctors. Conformity Protect as conserved by successive bending fuctors. Contraction DIN EN 61076 2.114 (MB) Installation [Coble Contraction Zahle defortanton 791 Zahle defortanton 791 Zahle defortanton 791 Zahle defortanton 979 Zahle defortanton 791 Zahle defortanton 979 Zahle defortanton 979 Zahle defortanton 0.15% Zahle defortanton 0.15% Zahle defortanton 979 Zahle defortanton 96% Zahle defortanton 96% Zahle defortanton 96% Zahle defortanton 970 Zahle defortanton <td>Additional condition temperature range</td> <td>depending on cable quality</td>	Additional condition temperature range	depending on cable quality
Alter on bonding radius Alteration: Observe the parmissible bending radii when leying cables, as the IP protection class can be endangered by excessive bending forces. Contomity UNEN 61076-2-114 (MS) Tradiation I Cable Descessive bending radii when leying cables, as the IP protection class can be endangered by excessive bending forces. Tradiation I Cable Descessive bending radii when leying cables, as the IP protection class can be endangered by excessive bending forces. Tradiation I Cable Tradiation I Cable Tradiation I Cable Tradiation I Cable Tradiation I Cable Tradiation I Cable Tradiation I Cable OPI I I I I I I I I I I I I I I I I I I	Important installation notes	
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Diameter of single wires 26 AWG Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Current (static) -40 °C Max. operating temperature (static) -30 °C Deperating temperature max. (dynamic) -30 °C Deperating temperature max. (dyn	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Conductor crosssection (wire) 26 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Vin. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Deprating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Amount strands (wire)	19
Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 $\Omega \pm 15 \%$ @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Vin. 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Charter resistance Good, application-related testing Gasoline resistance Good, application-related testing	Diameter of single wires	26 AWG
Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2,4 ACharacteristic impedance100 $\Omega \pm 15 \% @ 100$ MHzElectrical resistance line constant wire140 Ω/km AC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sOver acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sOperating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Conductor crosssection (wire)	26 AWG
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Vin. 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Material conductor wire	copper stranded wire, tinned
Current load capacity min. wire2,4 ACharacteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $140 \Omega/\text{km}$ AC withstand voltage (wire - wire) $0,7 \text{ kV} @ 60 \text{ s}$ Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) $0,7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0,7 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $0,7 \text{ kV} @ 60 \text{ s}$ Max. operating temperature (static) $-40 \ ^{\circ}\text{C}$ Operating temperature (fixed) $80 \ ^{\circ}\text{C}$ Operating temperature min. (dynamic) $-30 \ ^{\circ}\text{C}$ Operating temperature max. (dynamic) $70 \ ^{\circ}\text{C}$ Flame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Nominal voltage AC max.	300 V
Characteristic impedance100 Ω ± 15 % @ 100 MHzElectrical resistance line constant wire140 Ω/kmAC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire 140 Ω/km AC withstand voltage (wire - wire) 0,7 kV @ 60 s Electric capacitance 51000 pF/km Power frequency withstand voltage (wire - acket) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s AC withstand voltage (wire - shield) 0,7 kV @ 60 s Vin. 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Current load capacity min. wire	2,4 A
AC withstand voltage (wire - wire)0,7 kV @ 60 sElectric capacitance51000 pF/kmPower frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CElame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electric capacitance51000 pF/kmPower frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Electrical resistance line constant wire	140 Ω/km
Electric capacitance51000 pF/kmPower frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	AC withstand voltage (wire - wire)	0,7 kV @ 60 s
Power frequency withstand voltage (wire - acket)0,7 kV @ 60 sAC withstand voltage (wire - shield)0,7 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testing	Electric capacitance	
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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Power frequency withstand voltage (wire - jacket)	
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	AC withstand voltage (wire - shield)	0,7 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Min. operating temperature (static)	
Operating temperature min. (dynamic) -30 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Max. operating temperature (fixed)	80 °C
Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Operating temperature min. (dynamic)	
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing		
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing	Flame resistance	
Gasoline resistance Good, application-related testing	chemical resistance	
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Bending radius (fixed) Bending radius (dynamic) 7,5 x Outer diameter

12,5 x Outer diameter

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