

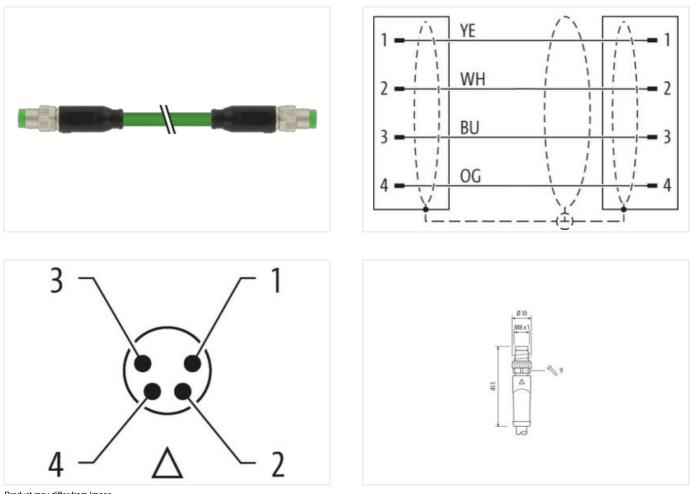
M8 male 0° / M8 male 0° A-cod. shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.1m

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



0,1 m

0,4 Nm

Cable length

Side 1

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: 2024-04-25

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	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
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	4048879386609
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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Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire $2,4$ ACharacteristic impedance $100 \Omega \pm 15 \% @ 100$ MHzElectrical resistance line constant wire $140 \Omega/km$ Nominal voltage power AC max. $300 V$ Electric capacitance (power) 51000 pF/km AC withstand voltage power (wire - shield) $0,7$ kV @ 60 sPower frequency withstand voltage power $0,7$ kV @ 60 sAC withstand voltage power (wire - wire) $0,7$ kV @ 60 s	Operating temperature min.	-25 °C
Contornity Product tandard DNE No 1076-2-114 (M8) Installation (Cable Cable identification 701 Jacket Color green Type of Catificate cURus Amount standing 1 Stranding dwise stan-shaped wisted Cable ablefiting (type) copper pratal. Introd Cable ablefiting (type) Sole ablefiting (type) Cable ablefiting (type) Sole ablefiting (type) Cable ablefiting (type) Sole ablefiting (type) Cable a	Operating temperature max.	85 °C
Product standard DN EN 61076-2-114 (M6) Installication Case Case is identification 791 Ackel Color genon Type of Carlificate URus Amount stranding 1 Stranding 4 wines star shaped hvisted Cable shelding (type) coppor braid, timed Cable shelding (type) coppor braid, timed Cable shelding (type) Spin Cable weigh Spin Material jackt FDer Tape, Fleoco, Foll File Yeigh Cable weigh Spin (time) Material weigh Spin (time) Cable dimoter finalization <td>Additional condition temperature range</td> <td>depending on cable quality</td>	Additional condition temperature range	depending on cable quality
Product standard DN EN 61076-2-114 (M6) Installication Case Case is identification 791 Ackel Color genon Type of Carlificate URus Amount stranding 1 Stranding 4 wines star shaped hvisted Cable shelding (type) coppor braid, timed Cable shelding (type) coppor braid, timed Cable shelding (type) Spin Cable weigh Spin Material jackt FDer Tape, Fleoco, Foll File Yeigh Cable weigh Spin (time) Material weigh Spin (time) Cable dimoter finalization <td>Conformity</td> <td></td>	Conformity	
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Cable identification 791 Jacket Color green Type of Certificate UNus Amount stranding 1 Stranding wires stra-haped twisted Cable shelding (type) cooper brait, tinned Cable shelding (type) spin Cable shelding (type) spin Cable shelding (type) spin Cable weigh Spin Material jacket PUR Preadcom from ingredientis (tacket) Lap 4/mou Outer diameter (tacket) Lap 4/mou Cable weigh Spin Cable shelding Lap 5/mou Cable shelding (type) spin Cable diameter (tacket) Lap 4/mou Cable shelding (type) Spin Cable shelding (type) Lap 4/mou Cable shelding (type) Lap 4/mou Cable shelding (type) Lap 4/mou Cable shelding (type)		
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Filler yes wire arrangement while, orange, blue, yellow Cable weight 59.4 g/m Material jacket PUR Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer diameter (jacket) 4.9 m Tolerance outer diameter (jacket) 4.9 m Tolerance outer diameter (jacket) 4.9 m Outer diameter (jacket) 4.9 m Outer diameter (jacket) 4.9 m Outer diameter insulation 1.04 mm Outer diameter insulation 1.04 mm Outer diameter insulation 1.8 % Ingredient feeness wire insulation lead-free, CFC-free, halogen-free Amount stands (wire) 19 Diameter of single wires 26 AWG Conductor crosssection (wire) 28 AWG Conductor crosssection (wire) 28 AWG Current load capacity (standard) to DIN VDE D298-4 Current load capacity (standard) to DIN VDE D298-4 Current load capacity (standard) to DIN VDE D298-4 Current load capacity (win, wire 2.4 A Chanacteristic impedance		
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Amount strands (wire)19Diameter of single wires26 AWGConductor crossection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinnedTraversing distance (C-track)5 mCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)140 Ω/kmNominal voltage power AC max.300 VElectrical resistance line constant wire140 Ω/kmNominal voltage power AC max.300 VElectric capacitance (power)51000 pF/kmAC withstand voltage power (wire - shield)0.7 k V @ 60 sPower frequency withstand voltage power (wire - shield)0.7 k V @ 60 sMin. operating temperature (statc)-40 °CMax. operating temperature (statc)-40 °CMax. operating temperature (statc)70 °CFlame resistanceGood, application-related testingOrlar esistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceDiod, application-related testingOil resistanceDood, application-related testingOrl resistanceDood, application-related testingOil resistanceDood, application-rel	Outer diameter tolerance core insulation	± 5 %
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Conductor crosssection (wire)26 AWGMaterial conductor wirecopper stranded wire, tinnedTraversing distance (C-track)5 mCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire2,4 ACharacteristic impedance100 $\Omega \pm 15 \% \oplus 100$ MHzElectrical resistance line constant wire140 Ω/km Nominal voltage power AC max.300 VElectrical resistance line constant wire51000 pF/kmAC withstand voltage power (wire - shield)0,7 kV $\oplus 60$ sPower frequency withstand voltage power0,7 kV $\oplus 60$ sAC withstand voltage power (wire - wire)0,7 kV $\oplus 60$ sAC withstand voltage power (wire - wire)0,7 kV $\oplus 60$ sMax. 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 testingOil resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistan	Amount strands (wire)	19
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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 Nominal voltage power AC max. 300 V Electric capacitance (power) 51000 pF/km AC withstand voltage power (wire - shield) 0,7 kV @ 60 s Power frequency withstand voltage power (wire - shield) 0,7 kV @ 60 s Row withstand voltage power (wire - wire) 0,7 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 IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Din N EN 60811-404 Good, application-related testing Oil resistance DiN EN 60811-404 Good, application-related testing Gasoline resistance Din N EN 60811-404 Good, application-related testing Oil resistance Din N EN 60811-404 Good, application-r	Material conductor wire	copper stranded wire, tinned
Current load capacity min. wire 2,4 A Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km Nominal voltage power AC max. 300 V Electric capacitance (power) 51000 pF/km AC withstand voltage power (wire - shield) 0,7 kV @ 60 s Power frequency withstand voltage power (wire - wire) 0,7 kV @ 60 s AC withstand voltage power (wire - wire) 0,7 kV @ 60 s AC withstand voltage power (wire - wire) 0,7 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (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 Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing	Traversing distance (C-track)	5 m
Characteristic impedance 100 Ω ± 15 % @ 100 MHz Electrical resistance line constant wire 140 Ω/km Nominal voltage power AC max. 300 V Electric capacitance (power) 51000 pF/km AC withstand voltage power (wire - shield) 0.7 kV @ 60 s Power frequency withstand voltage power (wire - jacket) 0.7 kV @ 60 s AC withstand voltage power (wire - wire) 0.7 kV @ 60 s Max. 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 DN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire140 Ω/kmNominal voltage power AC max.300 VElectric capacitance (power)51000 pF/kmAC withstand voltage power (wire - shield)0,7 kV @ 60 sPower frequency withstand voltage power0,7 kV @ 60 sAC withstand voltage power (wire - wire)0,7 kV @ 60 sAC withstand voltage power (wire - wire)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 resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Current load capacity min. wire	2,4 A
Nominal voltage power AC max.300 VElectric capacitance (power)51000 pF/kmAC withstand voltage power (wire - shield)0,7 kV @ 60 sPower frequency withstand voltage power0,7 kV @ 60 sAC withstand voltage power (wire - wire)0,7 kV @ 60 sAC withstand voltage power (wire - wire)0,7 kV @ 60 sMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-30 °COperating temperature max. (dynamic)70 °CFlame resistanceEEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electric capacitance (power)51000 pF/kmAC withstand voltage power (wire - shield)0,7 kV @ 60 sPower frequency withstand voltage power (wire - jacket)0,7 kV @ 60 sAC withstand voltage power (wire - wire)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 resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Electrical resistance line constant wire	140 Ω/km
AC withstand voltage power (wire - shield)0,7 kV @ 60 sPower frequency withstand voltage power (wire - jacket)0,7 kV @ 60 sAC withstand voltage power (wire - wire)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 resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)0,7 kV @ 60 sAC withstand voltage power (wire - wire)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 testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	Electric capacitance (power)	51000 pF/km
(wire - jacket)0,7 kV @ 60 sAC withstand voltage power (wire - wire)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 testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	AC withstand voltage power (wire - shield)	0,7 kV @ 60 s
Min. 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 testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter		0,7 kV @ 60 s
Max. 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 testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)7,5 x Outer diameter	AC withstand voltage power (wire - wire)	0,7 kV @ 60 s
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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Min. operating temperature (static)	-40 °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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Max. operating temperature (fixed)	80 °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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Operating temperature min. (dynamic)	-30 °C
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	
	Oil resistance	DIN EN 60811-404 Good, application-related testing
	Bending radius (fixed)	7,5 x Outer diameter
		12,5 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: 2024-04-25

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