

M12 male 0° / M12 male 0° D-cod. shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 28m

USA

Ethernet CAT5

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

Male straight - male straight

M12 - M12, 4-pole

D-coded

shielded

without cable sleeves

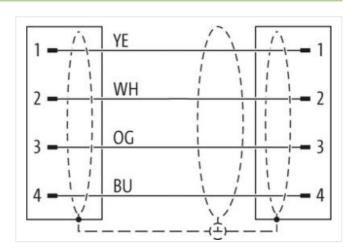
Further cable lengths on request.

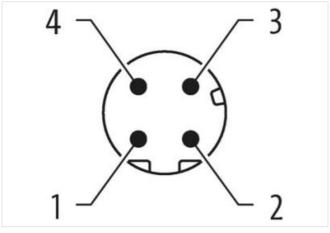
Plastic housings with good resistance against chemicals and oils.

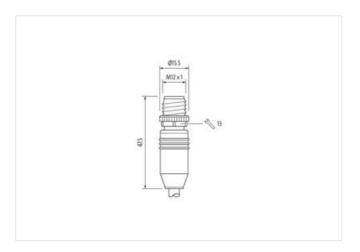
Link to Product

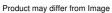
Illustration

























stay connected

Side 2 Toghtening larque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Cable outlet straight Coding D No. of poles 4 Width across faits SW13 Commercial data ECLASS 6.0 27061801 ECLASS 7.0 27061801 ECLASS 9.0 27060807 ECLASS 9.0 27060807 ECLASS 9.0 27060807 ECLASS 9.0 2002009 COLASS 9.0 </th <th>Cable length</th> <th>28 m</th>	Cable length	28 m
Meanting method Masted, sorwed	Side 1	
Meanting method Masted, sorwed	Tightening torque	0.6 Nm
Family construction from M12 x 1 Cable outlet straight Coding D No. of poles 4 With across fields SW13 Side 2 Tiplate implication Mounting method inserted, screwed Family construction from M12 x 1 Thread M12 x 1 Cable outlet straight Coding D No. of poles 4 With across fields SW13 Commercial date ECLASS-8.0 Commercial date ECLASS-8.0 Colspan="2">Colspan		<u>:</u>
Thread		
Cable outlet straight Cooking D No. of poles 4 Width across falls SW13 Side 2 ************************************	· · · · · · · · · · · · · · · · · · ·	
Coding D No. of poles 4 Wich across fiels SW13 Side 2 Triphening torque 0,8 Nm Mounting method inserted, screwed Family construction from M12 Thread M12 x I Cable outlet straight Coding D No. of poles 4 Width across fiels SW13 Commercial date ECLASS-8.0 27061801 ECLASS-7.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0.1 27065807 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.2 27060307 ECLASS-10.3 25060307 ECLASS-10.4 27060307 ECLASS-10.8 ECURRANGE COLOR Current operating per contact (NL) 5.5 A Entertied data [Supply Operating per contact max. 1.5		
No. of poles 4 Width across fatas SWI3 Side 2 Tightening torque 0,8 Nm Mounting mothod inserted, screwed Family construction form MI2 Thread MI2 x 1 Cable outlet straight Coding D No. of poles 4 Width across fatas SWI3 Commercial data ECLASS-8.0 27061801 ECLASS-8.1.1 27060307 ECLASS-1.2.0 27060307 ECLASS-1.1.1 27060307 ETIM-5.0 EC002293 customs saff number 85444290 GTIN 40487700948 Packaging unit<		
Side 2		
Tghtening torque 0,6 Nm Mounting method inserted, screwed inserted inserte	Width across flats	SW13
Mounting method Inserted, screwed	Side 2	
Family construction form M12 Thread M12 x 1 Cable outlet straight Cable outlet straight Coding D No. of poles 4 Width across falts SW13 Commercial date ECLASS 6.0 27061801 ECLASS 7.0 27061801 ECLASS 9.0 27061801 ECLASS 9.0 27061801 ECLASS 9.1 27060907 ECLASS 1.1 27060907 ECLASS 1.2.0 27060907 Electrical data [Supply 3 Operating part contact URL 6 V Current operating per contact max. 1,5 A Current operating per contact max. 1,5 A Industrial communication. 4	Tightening torque	0,6 Nm
Thread M12 x 1 Cable outlet straight Coding D No. of poles 4 Worth across flats SW13 Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ETIM 5.0 E0002599 Customs tariff number 85444290 GTIN 404887970948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit's Industrial communication Ethernet functionality duplox Full duplox Pull duplox Pull duplox Pull duplox Designostics Status indication LED no Installation Connection Gender male Device protection (EN IEC 68529) IP65, IP67, IP66IK Additional condition protection degree insented, screwed Pollution Degree 3 Rated surge voltage 1, 5, 5 V Material group (IEC 68664-1) I	Mounting method	inserted, screwed
Cable outlet straight Coding D No. of poles 4 Width across flats SWI3 Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-1.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 4048879700948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBillys Industrial communication Ethernet functionality Iduquex Diagnostics Status indication LED no Deprice of protection Electrical Lectrical Deprice Secretal Deprice Secretal Deprice Secretal Deprice Secretal De	Family construction form	M12
Coding D No. of poles 4 Width across flats SW13 Commercial data ECLASS-6.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-9.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 CUASS-12.0 27060307 ETIM-5.0 EC002599 CUASS-12.0 4048879709948 Packaging unit 1 Electrical data Supply Operating port contact (UL) 1,5 A Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Unidustrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50178-1) Data transilisation rate max.	Thread	M12 x 1
No. of poles 4 Width across flats SW13 Commercial data Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-1.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETM-5.0 E0002599 customs tariff number 85444290 GTIN 404879709948 Packaging unit 1 Electrical data Supply Operating voltage DC max. Operating voltage DC max. 60 V Current operating per contact (UL). 1,5 A Industrial communication 1,5 A Industrial communication 10 MBit/s Industrial communication Ethernet functionally duplex Uniquent per portion (Ethernet functionally duplex Diagnostics Status indication LED no Status indication Ethernet functionally duplex ender Degree of protection Electrical perfect Perfect Perfect Perf	Cable outlet	straight
With across flats SWI3 Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECIASS-12.0 ECO022599 customs tariff number 85442200 GTIN 404887970948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication 1.5 A Industrial communication tem max. 100 MBit/s Industrial communication Ethernet functional tem max. 100 MBit/s <td>Coding</td> <td>D</td>	Coding	D
Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879700948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact (UL) 1,5 A Industrial communication CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Industrial communication Ethernet tunctivo-altry duplex Full duplex Diagnostics Status indication LED no Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protecti	No. of poles	4
ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27	Width across flats	SW13
ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 EUNIST 10 ECO02599 customs tariff number 85444290 GTIN 4048879700948 Packaging unit 1 Electrical data Supply V Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Industrial communication Intransfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBI/8 Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condit	Commercial data	
ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879700948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact (UL) 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBWs Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 R	ECLASS-6.0	27061801
ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879709948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection Genetic number of protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60	ECLASS-7.0	27061801
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 404887970948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree Inserted, screwed Pollution Degree 3	ECLASS-8.0	27061801
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 404887970948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection [Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage <td>ECLASS-9.0</td> <td>27061801</td>	ECLASS-9.0	27061801
ECIASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 404887970948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionally duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	ECLASS-10.1	
ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879700948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1.5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functivality duplex Full duplex Diagnostics Status indication LED no Installation Connection male Device protection Electrical Device protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) I		
customs tariff number 85444290 GTIN 4048879700948 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I		
GTIN 4048879700948 Packaging unit 1 Electrical data Supply 60 V Ourrent operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection male Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) I		
Electrical data Supply 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED Status indication Connection male Device protection Electrical Pegree of protection (EN IEC 60529) Pegree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I		
Piectrical data Supply Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage MLEC 60664-1) I I		
Operating voltage DC max. 60 V Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I		1
Current operating per contact (UL) 1,5 A Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Diagnostics Status indication LED no Installation Connection Gender male Degree of protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Electrical data Supply	
Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Operating voltage DC max.	60 V
Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Current operating per contact (UL)	1,5 A
Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 6064-1) I	Current operating per contact max.	1,5 A
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Industrial communication	
Industrial communication Ethernet functionality duplex Full duplex Poliagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) Additional condition protection degree inserted, screwed Pollution Degree Rated surge voltage Material group (IEC 60664-1) I duplex Full duplex Ful	Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
duplex Full duplex Diagnostics Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I Geometrical III duples	Data transmission rate max.	100 MBit/s
Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Industrial communication Ethernet fur	nctionality
Status indication LED no Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	duplex	Full duplex
Installation Connection Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Diagnostics	
Gender male Device protection Electrical Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Status indication LED	no
Degree of protection (EN IEC 60529) IP65, IP67, IP66K Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Installation Connection	
Degree of protection (EN IEC 60529) Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I I	Gender	male
Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Pollution Degree 3 Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Additional condition protection degree	inserted, screwed
Rated surge voltage 1,5 kV Material group (IEC 60664-1) I	Pollution Degree	
Material group (IEC 60664-1)	Rated surge voltage	1,5 kV
Mechanical data	Material group (IEC 60664-1)	T T
	Mechanical data	



stay connected

Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Color housing	black
Material housing	PUR
Locking material	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
	dopontaing on datale 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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
	(white blue) (evenes vallous)
wire arrangement	(white, blue), (orange, yellow)
Cable identification	S7V
Jacket Color	green
Type of Certificate	cURus
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	75 %
Banding 	Foil
wire arrangement	(white, blue), (orange, yellow)
Cable weigth	74,8 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7,87 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1,47 mm
Outer diameter tolerance core insulation	±5%
ngredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	600 V
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
UV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
No. of bending cycles (C-track)	35 Mio. @ 25 °C
No. of torsion cycles	5 Mio. 25 °C
Torsion stress	± 180 °/m