

RJ45 male 90° down / RJ45 male 90° down shielded

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

Product fulfills requirements according to UN/ECE R118 **Ethernet CAT5** Male 90° down – male 90° down RJ45 - RJ45, 4-pole shielded

Further cable lengths on request.

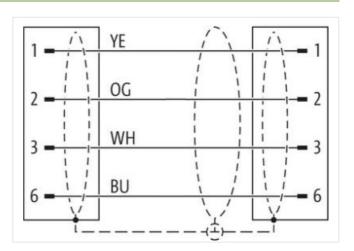
Plastic housings with good resistance against chemicals and oils.

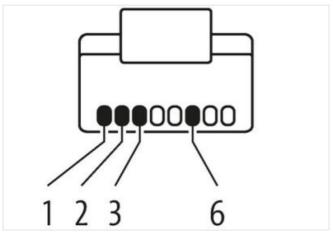
The resistance to aggressive media should be individually tested for your application. Further details on request.

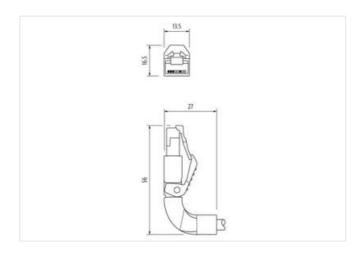
Link to Product

Illustration









Product may differ from Image















Cable length

1 m

Side 1



stay connected

Side 2 Mounting method pluggable Family construction from R345 Commercial data ECLASS 6.0 270618007 ECLASS 7.0 270683007 ECLASS 7.0 270683007 ECLASS 8.0 270683007 ECLASS 8.0 270683007 ECLASS 8.1.1 270683007 ECLASS 8.1.1 270683007 ECLASS 8.1.1 270683007 ECLASS 8.1.1 270683007 ECLASS 9.1.1 270683007 EVALUATION OF COLSPAN OF COLS	Mounting method	pluggable
Mounting method plugashile Family construction form RUIS Commercial date Commercial date ECLASS 6.0 27061801 ECLASS 6.1 27060907 ECLASS 7.0 27060907 ECLASS 8.0 27060907 ECLASS 10.1 27060907 ECLASS 11.1 27060907 ECLASS 12.0 27060907 ECLASS 11.1 27060907 ECLASS 11.1 27060907 ECLASS 11.1 4048878975885 ECLASS 11.1 4048878975885 ECLASS 11.2 80 V Current operating parameters 1.5 A Current operating parameters 1.5 A Destricted data Suppty 2011 draplex Understail communication Ethernet functionality 4011 draplex Undustrial communication Ethernet functionality 4012 draplex Device protecti	Family construction form	RJ45
Family construction from Commercial data ECLASS-8.0 \$27061801 ECLASS-8.1 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.1 \$27063907 ECLASS-1.2 \$27063907 ECLASS-1.3 \$27063907 ECLASS-1.4 \$27063907 ECLASS-1.5 \$2706907 ECLASS-1.5 \$2706907	Side 2	
Family construction from Commercial data ECLASS-8.0 \$27061801 ECLASS-8.1 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.0 \$27063907 ECLASS-8.1 \$27063907 ECLASS-1.2 \$27063907 ECLASS-1.3 \$27063907 ECLASS-1.4 \$27063907 ECLASS-1.5 \$2706907 ECLASS-1.5 \$2706907	Mounting method	pluggable
Commercial data 27061801 ECLASS-8.0 27063037 ECLASS-7.0 27063037 ECLASS-8.0 27063037 ECLASS-8.0 27063037 ECLASS-8.10.1 27063037 ECLASS-8.10.1 27063037 ECLASS-11.1 27063037 ECLASS-12.0 27063037 ECLASS-12.0 EXPOSSED COTIN 4048878875855 CUTHING 4048878875855 ELIMIT of Immedia 5 Electrical data Supply Purplement of Purpleme		
ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ETIM-5.0 EC02589 customs teriff number 8544210 GTIN 404878975555 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operaling per contact max. 1,5 A Industrial communication Industrial communication Industrial communication Industrial communication Industrial communication Ethernot functionality duplox pc protection Electrical duplox pc protection Electrical Degree of protection (EN IEC 60529) IP20 Pollution Degree 3 3 Rated surge-voltage Mose without functionality Material group (IEC 60664-1) I Machanical data Material data Machanical da		
ECLASS 6.1 27060307 ECLASS 7.0 27060307 ECLASS 9.0 27060307 ECLASS 9.0 27060307 ECLASS 11.1 27060307 ECLASS 12.0 27060307 ECLASS 12.0 27060307 ECLASS 12.0 27060309 sustons starf number 85444210 GTIN 404887987585 Packaging unit 1 Electrical data Supply Current operating per contact max. 1,5 A Industrial communication 1 Transfer parameters CATS, Class D ((SO/IEC 11801 2002), (EN 50179-1) Data transmission rate max. 100 MB/Is Industrial communication Ethernet functionality 1 Universe operated for (EN IEC 80529) IP 20 Degree of protection Electrical 1 Degree of protection Electrical 1 Degree of protection Electrical 1 Mechanical data Nature of the protection Electrical Degree of protection Electrical 1 Degree of protection Electrical 1 Mechanical		07001001
ECLASS-7.0 27968307 ECLASS-8.0 27968307 ECLASS-9.0 27968307 ECLASS-10.1 27968307 ECLASS-11.2 27968307 ECLASS-12.0 27968307 ECLASS-12.0 27968307 ETIM-5.0 E0002599 customs tarff number 85444210 GTIN 404887875885 Packaging unit 1 Electrical data! Supply Courrent operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D ((SO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MB/us 100 MB/us Industrial communication Ethernet functionality Industrial communication Ethernet functionality Updayex Full duplex Degree of protection Electrical Degree of protection Electrical Degree of protection Electrical Degree of protection Electrical Understand surge voltage 1 kV Material group (IEC 50664-1) 1 Undertial group (IEC 50664-1) 1 Material gr		
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECHASS-12.0 ECOM2599 cuatorns tariff rumber 89444210 GTIN 4048879875855 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Tarsafe parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Davis protection [Electrical Decirical Dec		
ECLASS-9.0 27660307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECHASS-9.0 55444210 GTIN 40488798755855 Pockaging unit 1 Electrical data [Supply Voperating voltage DC max. Operating voltage DC max. 60 V Current operating ser contact max. 1.0 Industrial communication Voltage (Entertrical Communication) Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MB/Us Industrial communication Electrical Communication E		
ECLASS 10.1 27060307 ECLASS 11.1 27060307 ECLASS 12.0 27060307 ETM-5.0 EC002599 Dustions tarff number 85444210 GTIN 4048879875895 Packaging unt 1 Electrical data Supply Operating voltage DC max. 60 V 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 MBits Industrial communication Eletretical Industrial Conforce of protection (EN IEC 60629) IP20 Pollution Degree 3 Readed surge voltage 1 NV Material group (IEC 60664+1) 1 Industrial Industrial data Industrial data Macchanical data Material data Material data Minus		
ECLASS-1.1.1 27060307 ECLASS-12.0 27060307 ECHASS-12.0 27060307 ETIM-5.0 ECOG2599 customs tariff number 85444210 GTIN 4048878975585 Packaging unit 1 Electrical data Supply Operating per contact max 60 V Industrial communication Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11901-2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Element functionally Industrial communication Element functionally Updylex Full duplex Degree of protection Electrical Pull duplex Degree of protection Electrical Pull duplex Degree of protection (EN EC 60629) IP 20 Pollution Degree 3 Rated surge voltage 1 kV Mechanical data Material data Without Mechanical data Material data Material nousing Locking rate file PA Mechanical data Munting data Very Controlled of the protection (Elementer max		
ECLASS-12.0 27660307 ETIM-5.0 EC002599 ucustoms taiff number 8444210 GTIN 404887567585 Packaging unit 1 Electrical data [Suppy) 60 V Current operating per contact max. 1.5 A Industrial communication 1 Transfer parameters CATS. Class D ((SO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBit/s Industrial communication Eleternet functionality 4 duplex PI duplex Device protection [Electrical Units of the protection [Electrical Units of Electrical Units of E		
ETIM. 5. 0 EC002599 customs tariff number 85444210 GTIN 4048879875895 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V 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 MBUs Industrial communication Ethernet functionality dulp pex dulpiex Full duplex Pevice protection Electrical Degree of protection (EN IEC 60529) IP20 Pollution Dogoe 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Material data Material pouch (EN IEC 60629) PUR Contour for corrugated hose without Mechanical data Material data Material bousing PUR Cocking techniques Sap in connector Environmental characteristics Climatic Operating temperature min. -25 °C		
GTIN 4048879875885 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V 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 MBUs Industrial communication Ethernet functionality Full duplex Device protection Electrical Device protection (EN IEC 60529) Device protection (EN IEC 60529) IP20 Pollution Degree 3 Rated surge voltage 1 kV Machanical data Without Contour for corrugated hose without Mechanical data Material data Without Mechanical data Material data Material pousing PUR Locking material PA Mechanical data Mounting data PA Locking techniques Snap-in connector Environmental characteristics Climatic Coperating temperature min. ~25 °C Operating temperature min. ~25 °C Coperating temperature min. Qend to pending and its when laying cables, as, by the usage	ETIM-5.0	
GTIN 4048879875885 Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V 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 MBUs Industrial communication Ethernet functionality Full duplex Device protection Electrical Device protection (EN IEC 60529) Device protection (EN IEC 60529) IP20 Pollution Degree 3 Rated surge voltage 1 kV Machanical data Without Contour for corrugated hose without Mechanical data Material data Without Mechanical data Material data Material pousing PUR Locking material PA Mechanical data Mounting data PA Locking techniques Snap-in connector Environmental characteristics Climatic Coperating temperature min. ~25 °C Operating temperature min. ~25 °C Coperating temperature min. Qend to pending and its when laying cables, as, by the usage	customs tariff number	
Coperating voltage DC max.		4048879875585
Comment of parating voltage DC max.	Packaging unit	1
Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801-2002), (EN 50173-1) Data transmission rate max. 100 MBt/s Industrial communication Ethernet tunctivality duplex Full duplex 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 Material data Material housing PUR Locking material PA Mechanical data Material data Mechanical data Material data Mechanical data Mounting data Locking material Material form (En IEC 60525) FO Coperating temperature max. 85 °C Operating temperature max. 85 °C 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 while, yellow, blue, orange Cable identification 796		
Industrial communication CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) CATS, Class D (ISO/IEC 11801		60 V
Industrial communication Transfer parameters CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. 100 MBI//s Industrial communication Ethernet functional Use of Department of Departme		
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Degree of protection Electrical Degree of protection (EN IEC 60529) P20 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Locking material Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	· · · · · · · · · · · · · · · · · · ·	
Data transmission rate max. 100 MBit/s Industrial communication Ethernet functionality duplex Full duplex Degree of protection Electrical Degree of protection Electrical Degree of protection (EN IEC 60529) P20 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 80664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Abechanical data Material data Material housing PUR Mechanical data Mounting data Looking atterial Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Transfer narameters	CAT5_Class_D_(ISO/IEC_11801:2002)_(EN_50173-1)
Industrial communication Ethernet functionality duplex Full duplex Degree of protection Electrical Degree of protection (EN IEC 60529) P20 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 606641) I Mechanical data Contour for corrugated hose without Mechanical data Material data Mechanical data Material data Mechanical data Material data Pa Mechanical data Mounting data Looking material Name Pa Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. 25 °C Operating temperature many 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be entering rearrangement white, yellow, blue, orange Cable identification 796	•	
Device protection Electrical Degree of protection (EN IEC 60529) IP20 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Methanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Inportant installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Installation Cable wire arrangement while, yellow, blue, orange Cable identification 796		
Degree of 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 Contour for corrugated hose without Methanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data PA Locking material PA Mechanical data Mounting data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	·	•
Degree of protection (EN IEC 60529) Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PAA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	·	Full duplex
Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Device protection Electrical	
Rated surge voltage 1 kV Material group (IEC 60664-1) I Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796		
Material group (IEC 60664-1) Mechanical data Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796		
Mechanical data Material data Material data Material data Material housing PUR Locking material PA PA Mechanical data Mounting data Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796		
Contour for corrugated hose without Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material group (IEC 60664-1)	I
Mechanical data Material data Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Mechanical data	
Material housing PUR Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Contour for corrugated hose	without
Locking material PA Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Manhaniaal data Mataulal data	
Mechanical data Mounting data Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Mechanicai data Materiai data	
Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C 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. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	·	PUR
Looking techniques Snap-in connector Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material	
Operating temperature min. -25 °C Operating temperature max. 85 °C 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data	PA
Operating temperature max. 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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques	PA Snap-in connector
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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic	PA Snap-in connector
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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min.	PA Snap-in connector -25 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max.	PA Snap-in connector -25 °C 85 °C
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. Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	PA Snap-in connector -25 °C 85 °C
Installation Cable wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	Snap-in connector -25 °C 85 °C depending on cable quality
wire arrangement white, yellow, blue, orange Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	Snap-in connector -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable identification 796	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius	Snap-in connector -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation Cable	PA Snap-in connector -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
	Material housing Locking material Mechanical data Mounting data Looking techniques Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Installation Cable wire arrangement	Snap-in connector -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. white, yellow, blue, orange

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: 2024-06-24



stay connected

Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
	85 %
Cable shielding (coverage)	
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
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
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire -	
jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
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 § 1090 UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m
	- 1 1111