

## stay connected

## RJ45 male 0° / RJ45 male 0° shielded

FRNC/LS0H 2x2xAWG26 shielded gr 5m

**Ethernet CAT5** Male straight - male straight RJ45 - RJ45, 4-pole shielded without cable sleeves

Further cable lengths on request.

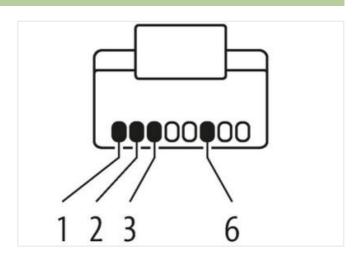
Plastic housings with good resistance against chemicals and oils.

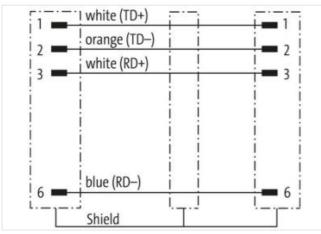
The resistance to aggressive media should be individually tested for your application. Further details on request.

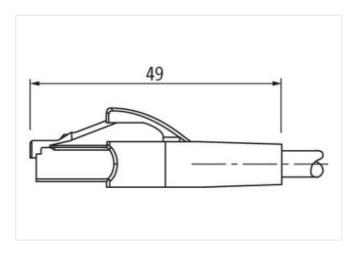
## **Link to Product**

## Illustration









Product may differ from Image







Cable length

Side 1

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: 2024-05-20



stay connected

Commercial data         CLIASS-6.0         27061801           ECLASS-6.1         27060907           ECLASS-7.0         27060907           ECLASS-8.0         27060907           ECLASS-9.0         27060907           ECLASS-9.1         27060907           ECLASS-11.1         27060907           ECLASS-11.1         27060907           ECLASS-11.1         27060907           ECLASS-12.0         27069907           ECLASS-12.1         27069097           ECLASS-12.0         ECOCES99           SUBJECT Tumber         8544210           STIN         4048879569989           Prackaging unit         1           Electrical data   Supply         Correct operating voltage DC max.           Courrent operating per context max.         1.5 A           Industrial communication         Industrial communication           Transfer perameters         CATS, Class D (ISO/IEC) 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MEB/Is           Undustrial communication   Ethemet functionality           Upulpia.         Full duplox           Degree of protection (EN IEC 60529)         IP20           Additional condition protection (EN IEC 60529)         IP20           Additi	Mounting method	inserted
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ECLASS-9.0         27060007           ECLASS-10.1         27060007           ECLASS-11.1         27060007           ECLASS-12.0         27060007           ECLASS-12.0         ECOMOSP9           BURNATOR         85444210           STIM ADDITION         4048079509989           Peckaging unit         1           Electrical data [supply         Current operating per contact max.           Operating operating per contact max.         15, A           Industrial communication         CATS, Class D ((SO)IEC 11801-2002), (EN 50173-1)           Data transmission rate max.         100 MB/Its           Industrial communication   Ethernet tuctionality         Industrial communication   Ethernet tuctionality           Uniquex         Full duplex           Degree of protection   Electrical         Degree of protection   Electrical           Degree of protection   Electrical         Poevice protection   Electrical           Degree of protection   Electrical         Insert a served           Pollution Degree         inserted, screwed           Pollution Degree         in XV           Machanical data using voltage         in XV           Machanical data   Material data         Machanical data   Material data           Machanical data   Material data         PA	ECLASS-8.0	
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ECILASS-12.0 27060307  ETIM-S. 0 EC002599  Laucistons laiff inumber B5444210  GTIN 4048879669989  Tackaging unit 1  Electrical data   Supply  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 MBit/s  Industrial communication   Fethernet functionality  duplex Full duplex  Pull duplex  Degree of protection   Electrical  Degree of protection (EN IEC 60529) IP20  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1 kW  Material pour (EC 6064-1) I  Mechanical data  Contour for corrugated hose without  Mechanical data   Material  Locking material PA  Mechanical data   Mounting data  Locking material communical elementary in connector  Environmental characteristics   Climatic  Deparating temperature min25 °C  Operating temperature max. 85 °C  Attention: Cobserve the permissible bending radiu when laying cablos, as the IP protection class can be endangered by excessive bending forces.	ECLASS-10.1	27060307
ETIM-5.0 EC002599  usstoms farill number 83444210  STIN 404879569989  Packaging unit 1  Electrical data   Suppty  Deprating 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)  Debat transmission rate max 100 MBit/s  Industrial communication   Elternet functionality  study   Full duplex    Diagnostics   Status indication LED no  Device protection   Electrical    Degree of protection (EN IEC 60529)   P20  Additional condition protection degree inserted, screwed    Pollution Degree 3   Rated surge voltage   1 kV    Material housing proy (EC 606641)   I  Mechanical data   Material data    Material housing PPA    Mechanical data   Material data    Material housing PPA    Mechanical data   Mounting data    Looking material PPA    Mechanical data   Mounting data    Looking techniques   5° C    Operating temperature min. 25° C    Operating temperature max. 85° C    Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.	ECLASS-11.1	27060307
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CTIN   4048879569989   1   1   1   1   1   1   1   1   1	ETIM-5.0	EC002599
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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 MBII/s  Industrial communication   Ethernet functionality  duplex  Full duplex  Full duplex  Full duplex  Full duplex  Popage of protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529)  P20  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage it kV  Material group (IEC 60664-1) I I  Mechanical data   Material data  Mechanical data   Munting data  Environmental characteristics   Climatic  Depreting temperature min.  25 °C  Operating temperature min.  25 °C  Operating temperature max.  26 °C  Operating temperature max.  26 °C  Operating temperature max.  26 °C  Operating temperature max.  27 °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.	GTIN	4048879569989
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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  Device protection   Electrical  Degree of protection (EN IEC 60529) IP20  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1k V  Material group (IEC 60664-1) I  Mechanical data   Material data  Material housing PUR  Mechanical data   Material data  Material housing PUR  Mechanical data   Mounting data  Looking material PA  Mechanical data   Mounting data  Looking techniques Snap-in connector  Environmental characteristics   Climatic  Poperating 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.		
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Industrial communication   Ethernet functionality  duplex Full duplex  Diagnostics  Status indication LED no  Device protection   Electrical  Degree of protection   Electrical  Degree of protection (EN IEC 60529)   IP20  Additional condition protection degree inserted, screwed  Pollution Degree 3  Rated surge voltage 1 kV  Material group (IEC 60664-1)   I  Mechanical data  Mechanical data   Material dose without   Material dose   Material dos	· · · · · · · · · · · · · · · · · · ·	
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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.	Material group (IEC 60664-1)	I
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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.	Locking material	PA
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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	Additional condition temperature range	
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		
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable	•	Protect the connectors by suitable measures from mechanical leads, a.g. by the usage of cable ties
Installation   Cable	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
	Installation   Cablo	ondarigorou of executive perioring referee.
Cable Identification ///		777
	Cable identification	111



Jacket Color	black
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
wire arrangement	white, blue, white, orange
Material jacket	FRNC
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	FRNC
Amount wires	4
Diameter of single wires	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	60 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °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