

## M12 male 0° / M12 female 0° X-cod. shielded

PUR 4x2xAWG26 shielded gn UL/CSA 1m

Ethernet CAT6A

Male straight – female straight
M12 – M12, 8-pole
X-coded
shielded

Product fulfills requirements according to UN/ECE R118

Transmission properties with channel transmission up to 50 m

Further cable lengths on request.

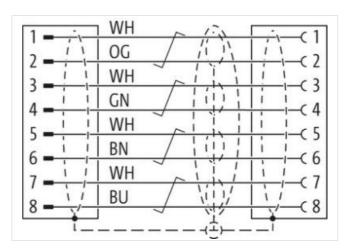
Plastic housings with good resistance against chemicals and oils.

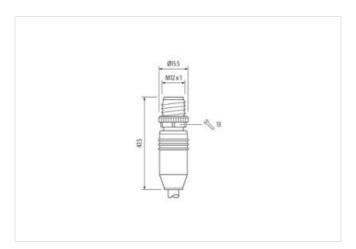
The resistance to aggressive media should be individually tested for your application. Further details on request.

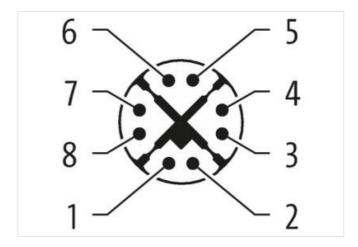
## **Link to Product**

## Illustration



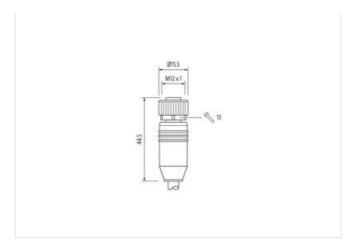


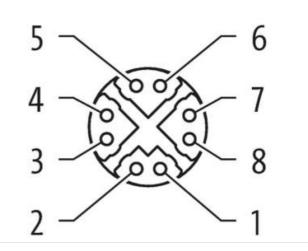






stay connected





Product may differ from Image

Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
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	4065909028834



stay connected

	Packaging unit	1
Operating varlage DC max         69 Y           Current operating per content max.         0.5 A           Industrial commission rate max.         10 BBVs           Data transmission rate max.         10 BBVs           Diagnostics         In GBIVs           Status indication LED         no           Device protection [Electrical         Protection (Electrical Section)           Device protection (Electrical Section)         Protection (Electrical Section)           Publishin Degree of protection (Electrical Section)         15 NV           Additional condition protection degree         3           Publishin Degree of protection (Electrical Section)         1.5 NV           Machanical Section (Electrical Section)         1.5 NV           Machanical Section (Electrical Section)         Virial Section (Electrical Section Section)           Mechanical Section (Electrical Section)         Without           Mechanical Section (Electrical Section Section)         Nickeled           Locking material         Zinc die casting           Mechanical Section (Electrical Section)         Nickeled           Locking material (Electrical Section)         Siested, screwed, Shaking protection           Protection (Electrical Section	Electrical data   Supply	
Operating varlage DC max         69 Y           Current operating per content max.         0.5 A           Industrial commission rate max.         10 BBVs           Data transmission rate max.         10 BBVs           Diagnostics         In GBIVs           Status indication LED         no           Device protection [Electrical         Protection (Electrical Section)           Device protection (Electrical Section)         Protection (Electrical Section)           Publishin Degree of protection (Electrical Section)         15 NV           Additional condition protection degree         3           Publishin Degree of protection (Electrical Section)         1.5 NV           Machanical Section (Electrical Section)         1.5 NV           Machanical Section (Electrical Section)         Virial Section (Electrical Section Section)           Mechanical Section (Electrical Section)         Without           Mechanical Section (Electrical Section Section)         Nickeled           Locking material         Zinc die casting           Mechanical Section (Electrical Section)         Nickeled           Locking material (Electrical Section)         Siested, screwed, Shaking protection           Protection (Electrical Section	Operating voltage AC max.	50 V
Industrial communication         CATSA           Transfer parameters         CATSA           Obsta transmission rate max.         10 GBB/s           Diagnostics         Incompany (Cats)           Status infocation LED         no           Degree of protection [Electrical         Degree of protection (Electrical           Degree of protection (EN IEC 60529)         IP68, IP67           Additional condition protection degree         isserted, screwed           Follution Degree         3           Additional condition protection degree         1,5 kV           Material group (IEC 60684-1)         1           Mechanical data (Material data)         To describe describe (Cats)           Control for corrugated hose         without           Mechanical data (Material data)         To describing           Control for place (Cats)         To describe described           Mechanical data (Material data)         To describe described           Environmental characteristics   Climatic         To describe described           Operating temperature min.         45 °C           Operating temperature max         85 °C           Additional condition temperature range described in temperature range descr	Operating voltage DC max.	60 V
Transfer parameters CATEA Data transmission rate max. 10 GBUs Disagnostics Status indication LED no Device protection   Electrical Peagee of protection   Electrical Peagee of protection   Electrical Peagee of protection gree miserfled, screwed Additional condition protection degree miserfled, screwed Pollution Dugree 3 Rated surge voting 1		0,5 A
Diagnostics	Industrial communication	
Diagnostics		CATEA
Diagnostics   Slatus indication LED   no   no   Device protection   Electrical   Degree of protection   Electrical   Degree of protection   Electrical   Degree of protection   Electrical   Degree of protection   Electrical   Degree   degree   meried, screwed   Pollution Degree   3   Raided surge voltage   1,5 k/V   Material group   (EC 60684-1)   I	·	
Bottom protection   Electrical           Description of Protection (EN IEC 80529)         IPSS, IP67           Additional condition protection degree         inserted, serwed           Pollution Degree         3           Rated surge wordinge         1,5 kV           Material group (IEC 80664+1)         I           Mechanical data         Whord Macris (Inserted Acts)           Mechanical data   Material data         Whord Macris (Inserted Acts)           Contiur for corruptable hose         without           Mechanical data   Material data         Whord Macris (Inserted Acts)           Conting locking         Nickeled           Locking material         Zinc dis-casting           Mechanical data   Material data         Macris (Inserted Acts)           Mechanical data   Material data         Misceled           Locking material         25 red Generaling           Producting Imperiature of acts   Material data         Product (Inserted Acts)           Environmental characteristis   Climatic         Product (Inserted Acts)           Poperating Imperiature max.         25 °C           Additional condition temperature maye         65 red C           Additional condition temperature maye         75 red C           Note on stain installation notes         Attention: Character the permissible bending radii when		10 0.500
Device protection   Electrical Degree of protection (EN EC 60529)   P65, IP67 Additional condition protection degree   Inserted, screwed Pollution Degree 3 3 Rated surge voltage 1,5 kV Material group (IEC 60624-1)   I Mechanical data Contour for corrugated hose without Mechanical data   Material data Coating locking Nickeled Locking material Zinc die-easting Mechanical data   Material data Coating locking Nickeled Locking material Zinc die-easting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics   Climate Coperating temperature min. 25 °C Operating temperature max. 65 °C Operating temperature max. 65 °C Additional condition temperature rage depending on cable quality Important installation notes  Note on bending radius Attention: Osserve the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conormity Product standard Din En 6076-2-109 (M12)  Tabilation (Cable Cable identification 49 Anount stranding (Mpe 2) 1 Stranding (Mpe 2) 4 Stranded joints twisted Anount stranding (Mpe 2) 4 Stranded joints twisted Cable shielding (Open) 52 & 8 /m Material packet Freedom from ingredients (Sacket) 1948  Material packet Freedom from ingredients (Sacket) 1948 Freed		
Degree of protection (EN IEC 80528) IP65, IP67 Additional condition protection degree inserted, screwed Pollution Degree 3 Fatted surge voltage 1,5 kV Material group (IEC 8064-1) I Mechanical data Contour for corrugated hose without Mechanical data   Material data Coating locking Nickeled Locking material Zince de-casting Mechanical data   Material data Coating locking Nickeled Locking material Zince de-casting Mechanical data   Munting data Munting method inserted, screwed, Shaking protection Environmental characteristics   Climatic Operating temperature min. 25°C Operating 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. Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-109 (M12) Installation   Cable Cable identification   790 Jacket Color green Type of Certificate diffuse Amount stranding (type 2) 1 Stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Cable shelding (coverage) 65°K Banding Full Wire arrangement (white, orange), (white, blue), (white, brown), (white, green) Cable weight 528 g/m Material packet Freedom from ingredients (gacket) Issued-free, CFC-free, halogen-free		no
Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge vorlage         1,5 kV           Material group (IEC 60664.1)         I           Mechanical data         Without           Mechanical data   Material date         Without           Mechanical data   Material date         Without           Mechanical data   Material date         Vision discussing           Mechanical data   Munting data         Michanical data   Munting data           Mechanical data   Munting data         Without           Mechanical data   Munting data         Without           Environmental characteristics   Climatic         Coperating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature may.         85 °C           Additional condition temperature may.         45 °C         Additional condition temperature may.         45 °C           Note on bending radius         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention Chasery the permissible bending addition in particular may.         Attention Chasery the permissible bending addition in particular may.         Attention Chasery the permissible bending addition in particular may.         Attention Chasery the permissible bending addit when laying cables, as the IP protection class can be endange	Device protection   Electrical	
Pollution Degree         3           Rated surpe voltage         1,5 kV           Material group (IEC 60664+1)         1           Mechanical data         without           Contour for corrugated hose         without           Mechanical data   Material data         Mechanical data   Material data           Coating locking         Nickeled           Locking material         Zinc die casting           Mechanical data   Mounting data         mounting method           Environmental characteristics   Climatic         Foreign geneprature min.           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Note on bending radius         Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Conformity         DIN EN 61076-2-109 (M12)         Installation   Cable Cable (M12)           Installation   Cable   Cable (M12)         Product standard         790           Jacket Color         green           Type of Certificate         CURlus           Amount stranding         4         Stranding (M12)           Amount stranding (type 2)         1         Stranding (type 2)           Stranding	Degree of protection (EN IEC 60529)	IP65, IP67
Rate of surge voltage         1,5 kV           Material group (IEC 60664-1)         I           Mechanical data         without           Mechanical data   Material data         without           Mechanical data   Material data         Nickeled           Coating problems         Zinc decasting           Mechanical data   Mounting data         Without a constitution of the coating           Mechanical data   Mounting data         Without a condition of the coating of the coat	Additional condition protection degree	inserted, screwed
Material group (IEC 60664-1)  Mechanical data Contour for corrugated hose without  Mechanical data   Material data Coating locking   Nickeled Locking material   Zimc die-casting    Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.		
Mechanical data         without           Mechanical data   Material data         Mechanical data   Material data           Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data   Mounting data         Mechanical data   Mounting data           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         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 61076-2-109 (M12)           Installation   Cable         Cable identification         790           Jacket Color         green           Type of Certificate         cuPlus           Amount stranding (type 2)         1           Stranding (type 2)         4           Stranding (type 2)         4 Stranded joints twisted           Cable shielding (type)         coppe		1,5 kV
Contour for corrugated hose without  Mechanical data   Material data  Coating locking Nickeled  Locking material Zinc die-casting  Mechanical data   Mounting data  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature max 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.  Contomity  Product standard Din En 61076-2-109 (M12)  Installation   Cable  Cable identification 979  Jacket Color green  Type of Cerificate CURus  Amount stranding (type 2) 1  Stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) copper braid, tinned  Cable shielding (type) (white, brown), (white, green)  Cable weight S2,8 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Material group (IEC 60664-1)	I
Mechanical data   Material data   Coating locking   Nickeled	Mechanical data	
Coating locking         Nickeled           Locking material         Zinc die-casting           Mechanical data [Mounting data         Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Copperating temperature min.         -25 °C           Operating temperature man.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           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 61076-2-109 (M12)           Installation   Cable         Standard         790           Jacket Color         green           Type of Certificate         CURus           Amount stranding         4           Stranding (type 2)         1           Stranding (type 2)         4 Stranded joints twisted           Cable shielding (type)         65%           Earlief (still (type)         65%	Contour for corrugated hose	without
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Zable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weight 52,8 g/m  Material jacket  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Mechanical data   Material data	
Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  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.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Zable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weight 52,8 g/m  Material jacket  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free		Nickeled
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           Important installation notes         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.           Conformity         Product standard         DIN EN 61076-2-109 (M12)           Installation   Cable         Cable identification         790           Jacket Color         green           Type of Certificate         cURus           Amount stranding         4         4           Stranding (type 2)         1           Stranding (type 2)         4         Stranded joints twisted           Cable shielding (type)         copper braid, finned           Cable shielding (coverage)         65 %           Banding         Foil           wire arrangement         (white, orange), (white, blue), (white, brown), (w		
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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.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Cable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (type) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable wight S28 g/m  Attentions or able quality  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free		incorted corowed Shaking protection
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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.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Cable identification 790  Jacket Color green  Type of Certificate cURius  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weight 52,8 g/m  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality    Important installation notes		
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 61076-2-109 (M12)           Installation   Cable           Cable identification         790           Jacket Color         green           Type of Certificate         cURus           Amount stranding         4           Stranding         2 wires twisted           Amount stranding (type 2)         1           Stranding (type 2)         4 Stranded joints twisted           Cable shielding (type)         copper braid, tinned           Cable shielding (coverage)         65 %           Banding         Foil           wire arrangement         (white, orange), (white, blue), (white, brown), (white, green)           Cable weigth         52,8 g/m           Material jacket         PUR           Shore hardness jacket         89 Shore A           Freedom from ingredients (jacket)         lead-free, CFC-free, halogen-free		
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.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Cable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Additional condition temperature range	depending on cable quality
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 61076-2-109 (M12)  Installation   Cable  Cable identification  790  Jacket Color  green  Type of Certificate  CURus  Amount stranding  4  Stranding  2 wires twisted  Amount stranding (type 2)  1 Stranding (type 2)  4 Stranded joints twisted  Cable shielding (type)  copper braid, tinned  Cable shielding (coverage)  65 %  Banding  wire arrangement  (white, orange), (white, blue), (white, brown), (white, green)  Cable weigth  52,8 g/m  Material jacket  PUR  Shore hardness jacket  89 Shore A  Freedom from ingredients (jacket)  lead-free, CFC-free, halogen-free	Important installation notes	
endangered by excessive bending forces.  Conformity  Product standard DIN EN 61076-2-109 (M12)  Installation   Cable  Cable identification 790  Jacket Color green Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, prown), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Note on strain relief	
Product standard DIN EN 61076-2-109 (M12)  Installation   Cable   Cable identification 790  Jacket Color green Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Note on bending radius	
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Cable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Product standard	DIN EN 61076-2-109 (M12)
Cable identification 790  Jacket Color green  Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Installation   Cable	
Jacket Color green Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	·	790
Type of Certificate cURus  Amount stranding 4  Stranding 2 wires twisted  Amount stranding (type 2) 1  Stranding (type 2) 4 Stranded joints twisted  Cable shielding (type) copper braid, tinned  Cable shielding (coverage) 65 %  Banding Foil  wire arrangement (white, orange), (white, blue), (white, brown), (white, green)  Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free		
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Cable weigth 52,8 g/m  Material jacket PUR  Shore hardness jacket 89 Shore A  Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Banding	Foil
Material jacket     PUR       Shore hardness jacket     89 Shore A       Freedom from ingredients (jacket)     lead-free, CFC-free, halogen-free	wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Shore hardness jacket 89 Shore A Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Cable weigth	
Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free	Material jacket	PUR
	Shore hardness jacket	89 Shore A
Outer-diameter (jacket) 6,4 mm		<del>-</del>
	Outer-diameter (iacket)	6,4 mm



Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE
Amount wires	8
Outer diameter insulation	1,05 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	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	125 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	140 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	44000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Loop 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 § 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
Bending radius (dynamic)	10 x Outer diameter