

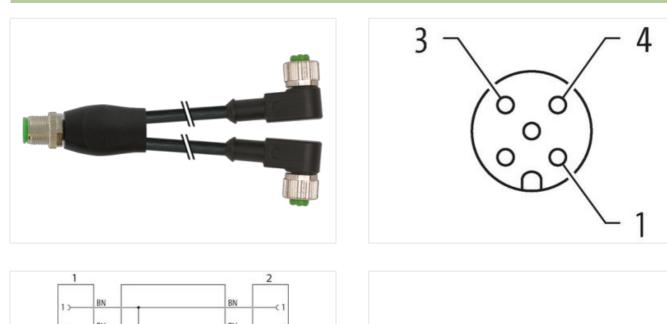
## Y-Distributor M12 male / M12 female 90° A-cod.

PUR 4x0.75 bk UL/CSA 2m

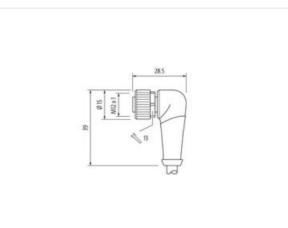
Y-connector M12 – M12, 4/3-pole Male straight – females 90° A-coded without cable sleeves Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

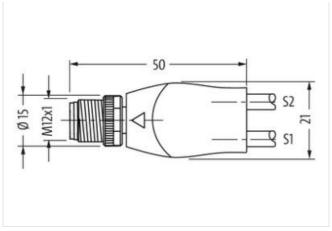


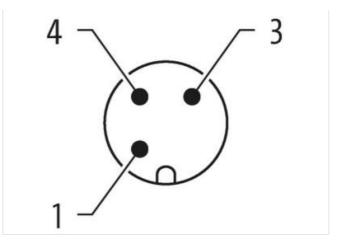
1 ) BN C1 3 ) BU C3 4 ) BK C4 BK C4 1 2 3 4



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Product may differ from Image



Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Coding	A
Material contact	Copper alloy
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, 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	A
Material contact	Copper alloy
No. of poles	3
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311

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cautoms tariff number       844420         GTIN       404827063713         Electrical data   Supply          Electrical data   Supply          Operating voltage AC max.       250 V         Operating voltage DC max.       250 V         Diagnostics          Diagnostics          Diagnostics       no         Device protection IEBectrical          Additional condition protection degree       inserted, screwed         Outloan Organe       2.5 N         Material grave voltage COBO+1       1         Material prove (EC GOBO+1)       1		
GTIN   4048879083713     Packaging unit   1     Packaging unit   1     Electrical distal Steppy      Operating voltage AC max.   280 V     Control operating voltage OD max.   250 V     Control operating voltage PC max.   4 A     Degositio      Status indication LED   no     Device protection [Electrical      Additional condition protection degree   inserted, screwed     Polution Days   3.     Rated surge voltage   2.5.VV     Material porus (IEC 60064-1)   1     Down (IEC 60064-1)   1     Material porus (IEC 60064-1)   2     Porotact intext (IEC 60064-1)   2		
Packaging unit       1         Electrical data [Supply          Operating voltage AD max.       250 V         Operating voltage AD max.       250 V         Current operating port contact max.       4 A         Disposition          Status indication LED       no         Divice protection [Electrical          Additional contilion protection degrame       inserted. surewed         Polition Degrape       3         Rate surge voltage       2,5 kV         Meneral group (EC 6664-1)       1         Material gaste       FAM         Material gaste       FAM         Material gaste       FAM         Material prosention (EC 6664-1)       1         Material prosention (EC 6664-1)       2         Material prosention (EC 6664-1)       2         Material prosentin prosention (EC 66664-1)		
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Current operating per contact max.   4 A     Disposition   No     Status indication LED   no     Device protection [Electrical   Additional condition protection degree   isserted, screwed     Pollution Degree   3   3     Rated surge voltage   2,5 kV     Material group (EC 60684-1)   1     Machanical data [Material data   Conting locking     Conting Locking   PLR     Cocking Incoluing   PUR     Cocking Incoluing   PUR     Cocking method   inserted, screwed, Shaking protection     Environmental characteristics [ Climatic   Climatic     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition notes   Method on cable quality     Important Installation notes   Method protection globes can strain relief     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending brocks.     Colorentity   Protectifical     Protoctificate   QLPus     Annount stranding   1     Straining   1     Straining   1     Straining   4 wires bisted     Weise bisted </td <td>· · ·</td> <td></td>	· · ·	
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Statis indication LED       no         Device protection   Electrical       inserted, screwed         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       1         Mechanical distal       Material position         Material position       K         Material position (IEC 60664-1)       1         Mechanical distal       Material position         Material position (IEC 60664-1)       1         Material position (IEC 60664-1)       2         Material position (IEC 60664-1)       2         Material positin (IEC 60664-	Current operating per contact max.	4 A
Device protection   Electrical         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       2.5 kV         Material group (EC 60664-1)       1         Mechanical data   Material data       Exceeding locking         Mechanical data   Material data       Exceeding locking         Mechanical data   Material data       Exceeding locking         Mechanical data   Mounting data       Exceeding locking         Mechanical data   Mounting data       Exceeding locking method         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Exceeding locking method         Deparating temperature main.       25 °C         Operating temperature main.       25 °C         Operating temperature max.       86 °C         Additional condition temperature ranzo       depending on cable quality         Internet installation network       Exceeding locking lo	Diagnostics	
Additional condition protection degree       inserted, screwed         Pollution Dagree       3         Rated surge voltage       2,5 kV         Material group (IEC 60664-1)       I         Mechanical data   Material data       Voltage         Conting Iooking       Nickeled         Material gaskot       FKM         Material paskot       Fkm         Additional condition paskot       Fkm         Operating temperature max.       68 °C         Additional condition	Status indication LED	no
Politation Degree       3         Rated surge voltage       2,5 kV         Material group (IEG 60664-1)       1         Mechanical data [Material data          Coating looking       Nickeled         Material group (IEG 60664-1)       FKM         Material gasket       FKM         Mechanical data [Mounting data       Since de casting         Mechanical data [Mounting data       Since de casting         Mechanical data [Counting data       Since de casting         Coperating temperature main.       -25 °C         Operating temperature ranse       de s'C         Additional condition temperature ranse       de s'C         Note on strain relief       Protect the connectors by subable measures from mechanical loads, e.g. by the usage of cable ties.         Material gasket       DIN EN 61076-2-101 (M12)         Installation (Cable       Collect the connectors by subable measures from mechanical loads, e.g. by the usage of cable ties.         Colect	Device protection   Electrical	
Pated aurge votage   2,5 kV     Material group (IEC 60664-1)   I     Mechanical data   Material data   Cocating locking     Mickelled   Kickelled     Material gasket   FKM     Material housing   PUR     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.     Operating temperature min.   -25 °C     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     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Contomity   Environ: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Color   DIN EN 61076-2-101 (M12)     Installetion   764     Jacket Color   Jacket Color     Vie or diriticate   cJRus     Anount stranding   1     Stranding   4 wires twisted     Wire arrangement   brown, black, blue, white </td <td>Additional condition protection degree</td> <td>inserted, screwed</td>	Additional condition protection degree	inserted, screwed
Material group (IEC 60684-1)       I         Mechanical data   Material data       Coating (ocking       Nickeled         Material gasket       FKM       Material gasket       FKM         Material gasket       FKM       Material gasket       FKM         Material busing       PUR       Material housing       PUR         Locking material       Zinc die casting       Mounting data       Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.       85 °C       Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C       Additional condition temperature max.       85 °C         Note on stain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on stain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on stain relief       DIN EN 61076-2-101 (M12)       Installation class can be endangered by excessive bending forces.         Cotormity       Edite identification       764       Identification         Material jacket       DIN EN 61076-2-101 (M12)       Installation class         Stranding       4 w	Pollution Degree	3
Mechanical data   Material data         Coating locking       Nickeled         Material gasket       FKM         Material gasket       FKM         Material pasket       PLR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature max.         Qoperating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Importal installation notes       Street temperature max.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Contormity       Street the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Product standard       DIN EN 61076-2-101 (M12)         Installation (Cable       Street temperature max.         Color       black         Type of Certificate       UFus         Anount stranding       1         Stranding       4 wires twisted         Stranding       4 wires twisted         Stranding       52 5 Sinre A         Freedom from ingredients (gabert) <td>Rated surge voltage</td> <td>2,5 kV</td>	Rated surge voltage	2,5 kV
Coating locking       Nickeled         Material gasket       FKM         Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature min.       -25 °C         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         Additional condition temperature max.       85 °C         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.         Contormity       Installation Cable         Product standard       DIN EN 61076-2-101 (M12)         Installation Cable       -         Standing       1         Standing       1         Standing       4 wires twisted         Wire wis twisted       -	Material group (IEC 60664-1)	I
Material gasket       FKM         Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         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.         Conormity       Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification       764         Jacket Color       black       Diverse bending forces.         Type of Certificate       cURus       Cumum stranding         Amount stranding       1       Strain gramment       brown, black, blue, white         Cable weight       62.59 g/m       Adefree, cadmium-free, CFC-free, ha	Mechanical data   Material data	
Material housing       PUR         Locking material       Zinc die-casting         Mechanical data   Mounting data       Inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature min.       -25 °C       Operating temperature mark       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 61076-2-101 (M12)         Installation   Cable       Cable identification       764         Cable identification       764       Cable identification         Arrount stranding       1       Stranding       Stranding         Vire arrangement       brown, black, blue, white       Cable weight       62.59 g/m         Cabler identification       82 ± 5 Sinre A       Freedom from ingredients (jacket)       63 ± 5 Sinre A         Freedom from ingredients (jacket)       62.59 g/m	Coating locking	Nickeled
Locking material       Zinc die-casting         Mechanical data   Mounting data       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Comparing temperature main.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       String temperature max.         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 endingered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cullus         Cable identification       764         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weight       62.59 g/m         Material jacket       PUR         Store Andress jacket       85 ± 5 Shore A         Freedorn from ingredients (jacket)       5.9	Material gasket	FKM
Mechanical data   Mounting data         Mounting method       inserted, screwed. Shaking protection         Environmental characteristics   Climatic       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Mole on stain relief         Note on stain 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 lorces.         Contormity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation [Cable       URUS         Cable identification       764         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, while         Cable weigh       62.59 g/m         Material jacket       PUR         Store A       5 5 Shore A         Freedom from ingredients (jacket)       1ead-free, cadmium-free, CFC-free, halogen-free         Outer-diameter (jacket)       5.9 mm         Tolerance outer diameter (sheath)       ± 5 %   <	Material housing	PUR
Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       25 °C         Operating temperature min.       25 °C         Additional condition temperature max.       85 °C         Additional condition temperature may.       depending on cable quality         Important installation notes       Environmental characteristics   Di motion temperature may.         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 61076-2-101 (M12)       Installation [Cable         Cable identification       764       Cable color       black         Type of Cartificate       cURus       Cable weigth       62,59 g/m         Attending       1       Eable weigth       62,59 g/m         Cable weigth       62,59 g/m       Gable weigth       62,59 g/m         Material jacket       PUR       Start A       Freedom from ingredients (jacket)       Eable weigth         Cable weigth       62,59 g/m       Start A       Freedom from ingredients (jacket)       Eable Start A <td>Locking material</td> <td>Zinc die-casting</td>	Locking material	Zinc die-casting
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       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.         Conformity       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Cable observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Installation   Cable         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable dentification         Type of Cartificate       cURus         Anount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weighth       62,59 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A	Mechanical data   Mounting data	
Operating temperature min.       -25 °C         Operating temperature max.       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       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       INE No 61076-2-101 (M12)         Installation   Cable       DIN EN 61076-2-101 (M12)         Cable identification       764         Jacket Color       black         Type of Certificate       cURus         Armount stranding       1         Stranding       4 wise twisted         wire arrangement       brown, black, blue, white         Cable weigth       62,59 g/m         Material jacket       PUR         Strone hardness jacket       85 ± 5 Shore A         Freedom from ingree/inents (jacket)	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.       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         Product standard       DIN EN 61076-2-101 (M12)         Installation [ Cable       Cable identification         Cable identification       764         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weight       62,59 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, camium-free, CFC-free, halogen-free         Outer-diameter (jacket)       5.9 mm         Tolerance outer diameter (sheath)	Environmental characteristics   Climatic	
Operating temperature max.       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         Product standard       DIN EN 61076-2-101 (M12)         Installation [ Cable       Cable identification         Cable identification       764         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weight       62,59 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, camium-free, CFC-free, halogen-free         Outer-diameter (jacket)       5.9 mm         Tolerance outer diameter (sheath)		
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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable Identification         Cable Identification       764         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weigth       62,59 g/m         Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       Lead-free, cadmium-free, CFC-free, halogen-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation		
Important installation notes       Velocity         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       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       Intention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Conformity       DIN EN 61076-2-101 (M12)         Installation [ Cable       Cable identification         Cable identification       764         Jacket Color       black         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires twisted         wire arrangement       brown, black, blue, white         Cable weigth       62.59 g/m   <		
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityImage: ConformityProduct standardDIN EN 61076-2-101 (M12)Installation   CableCable identificationCable identification764Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedWire arrangementbrown, black, blue, whiteCable weigth62.59 g/mMaterial jacketPURShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-freeOuter-diameter (jacket)5.9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires4	Important installation nates	
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Material jacket       PUR         Shore hardness jacket       85 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free         Outer-diameter (jacket)       5,9 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PVC         Amount wires       4	Note on strain relief Note on bending radius Conformity Product standard Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted
Shore hardness jacket   85 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free     Outer-diameter (jacket)   5,9 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4	Note on strain relief Note on bending radius Conformity Product standard Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted       brown, black, blue, white
Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free     Outer-diameter (jacket)   5,9 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4	Note on strain relief Note on bending radius Conformity Product standard Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted       brown, black, blue, white       62,59 g/m
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Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   4	Note on strain relief Note on bending radius Conformity Product standard Installation   Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted       brown, black, blue, white       62,59 g/m       PUR       85 ± 5 Shore A
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	Note on strain relief       Note on bending radius       Conformity       Product standard       Installation   Cable       Cable identification       Jacket Color       Type of Certificate       Amount stranding       Stranding       wire arrangement       Cable weigth       Material jacket       Shore hardness jacket       Freedom from ingredients (jacket)       Outer-diameter (jacket)       Tolerance outer diameter (sheath)       Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted       brown, black, blue, white       62,59 g/m       PUR       85 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free       5,9 mm       ± 5 %       PVC
	Note on strain relief       Note on bending radius       Conformity       Product standard       Installation   Cable       Cable identification       Jacket Color       Type of Certificate       Amount stranding       Stranding       wire arrangement       Cable weigth       Material jacket       Shore hardness jacket       Freedom from ingredients (jacket)       Outer-diameter (jacket)       Tolerance outer diameter (sheath)       Material wire insulation       Amount wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       DIN EN 61076-2-101 (M12)       764       black       cURus       1       4 wires twisted       brown, black, blue, white       62,59 g/m       PUR       85 ± 5 Shore A       lead-free, cadmium-free, CFC-free, halogen-free       5,9 mm       ± 5 %       PVC       4

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: 2024-05-12



Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	90 ± 5 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	24
Diameter of single wires	0,2 mm
Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9,6 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	00 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
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
Bending radius (dynamic)	10 x Outer diameter

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