

## EXACT12, 4XM12, 1:1, FIXED CABLE

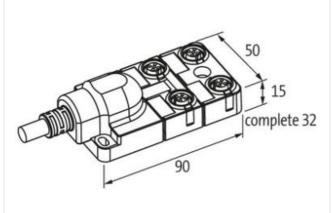
10.0m PUR/PVC 16x0,34+3X0.75

4-way UNIVERSAL 10.0 m pre-wired homerun cable without LED 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





M12-Females 5-pole 5 (PE 4 (N/O)-(ST) 3(-) 2 (N/C)-(S2) 1441 ye/bu white green n/ye rowr fue i/pk ť peu n.c. n.c. free arrangeable, contact 1:1 on terminals for 4 signals per port, PIN5 bridged on terminals

Product may differ from Image



ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

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ECLASS-0.0         2744008           ECLASS-10.1         2744008           ECLASS 11.1         2744008           ECLASS 12.0         27440108           ECLASS 12.0         27440108           ECLASS 12.0         27440108           ECLASS 10.0         ECO202685           cuators Enfl number         6544293           OTIM         40483790535           Packaging unit         1           Electrical data I Supply         Comment proteing por contact max.           Corrent operating yorkaga DC         42 V           Corrent operating por contact max.         4.A           Installation   Connection         Kan F           Bayles of protection   Electrical         Environmental Connection           Marrier Settation         Rane restatoant           Macrist por protection   Marcin         F           Marrier Settation         Schraubgewinde           Environmental characteristetts [ Climatu         Coperating isoparature max.           Operating isoparature max.         20*0           Corrent proteing isoparature max.         20*0           Corrent proteing isoparature max.         20*0           Corrent proteing isoparature max.         20*0           Corenting isoparature max.         20*0	ECLASS-8.0	27279219
ECLASS-11.1         27440108           ECLASS-12.0         27440108           ECLASS-12.0         27440108           ECLASS-12.0         27440108           ECLASS-12.0         ECOLOSES           cators tarff imber         85444290           GTIN         404877055355           Packaging unit         1           Electrical data   Supply         Coperating voltage AC           Operating voltage AC         42.V           Operating voltage pC contact max.         4.A           Installation   Connection         Mall x 1           Device protection   Media         Envice           Device protection   Media         Male retardant           Mechanical data   Mounting data         Malerial thousing           Mechanical data   Mounting data         Schraubgewinde           Environmental characteristics   Climatic         Coceating temperature max.           Operating temperature max.         70 °C           Operating temperature max.         70 °C           Operating temperature max.         70 °C	ECLASS-9.0	27440108
ECLASS-12.0         27440108           ETM 5.0         ECO02585           automs tariff number         8544200           GTIN         404877055545           Packaging unit         1           Electrical data   Supply            Operating voltage AC         42 V           Operating voltage DC         42 V           Current operating per contact max.         4 A           Installion   Connection         M12 x 1           Device protection   Electrical            Darve of protection   Electrical            Parke protection   Electrical            Device protection   Electrical            Mareital housing         Plesic           Material data   Material data            Material could bit   Materia	ECLASS-10.1	27440108
ETIN 6.0         EG002885           castors atrift number         8544230           GTIN         404827065345           Packaging unit         1           Electrical data I Sappiy         Contraling voltage AC           Operating voltage AC         42 V           Operating voltage AC         42 V           Corrent operating per contant max.         4 A           Institution I Connection         Mounting set           Device protection I lectrical         Environmental Contraling Voltage AC           Device protection I lectrical         Environmental Contraling Voltage AC           Material Toucaing         Plantic           Material Routing         Plantic           Mechanical data I Mounting data         Schraubgewinde           Environmental characteristics I Climatic         Operating temperature max.           Operating temperature max.         70 °C	ECLASS-11.1	27440108
Quatoms tariff number         65444200           GTIN         4048873065345           Parkaiging unit         1           Electrical data   Supply            Operating voltage AC         42 V           Operating voltage DC         42 V           Current operating voltage DC         42 V           Current operating voltage DC         40           Installation   Connection            Monting SE         M12 x 1           Device protection   Electrical            Device protection   Molin            Device protection   Molin            Material housing         Plastic           Mechanical data   Mounting data            Mounting method         Schraubgewinde           Environmental characteristics   Climatic            Operating voltage and max.         70 °C           Operating wongenture max.         70 °C           Operating wongenture max.         70 °C           Operating voltage and exacteristics   Climatic            Stabilitation         398           Cabib Identification         398           Cabib Identification         97           Arrowene stranding         1	ECLASS-12.0	27440108
GTN     4048879055345       Packaging until     1       Electrical dia Ispopi     Coperating voltage AC     42 V       Operating voltage AC     42 V       Corrent operating voltage DC     42 V       Installation   Connection     Mouning set     M12 x 1       Bevice protection   Electrical     Device protection   Media     Device protection   Media       Device protection   Media     Team resistance     fame retardant       Mechanical data   Mouning data     Mechanical data   Mouning data     Mechanical data   Mouning data       Mechanical data   Mouning data     Schraubgewinde     Mechanical data   Mouning data       Mechanical data   Mouning data     Schraubgewinde     Mechanical data   Mouning data       Mechanical data   Mouning data     20 °G     Operating bromperature main.     20 °G       Operating bromperature main.     20 °G     Coperating bromperature main.     20 °G       Operating bromperature main.     20 °G     Coperating bromperature main.     20 °G       Operating bromperature main.     20 °G     Coperating bromperature main.     20 °G       Operating bromperature main.     20 °G     Coperating bromperature main.     20 °G       Additional condition in data data     Biosentificanticanticanticanticanticanticanticant	ETIM-5.0	EC002585
Packaging unit         1           Electrical data   Suppit            Operating voltage AC         42 V           Carrent operating per contact max.         4 A           Installation   Connection            Mouring set         M12 x 1           Device protection   Electrical            Parkie positions            Envice protection   Modia            Filme resistance         filame retardant           Mechanical data   Material data            Mouring method         Schraubgewinde           Envice protection   Electrical            Mechanical data   Material data         Schraubgewinde           Envice protection   Modia         Schraubgewinde           Envice protection   Modia         Schraubgewinde           Envice protection in method         Schraubgewinde           Envicemental characferistics   Climatic         Concocccccccccccccccccccccccccccccccccc	customs tariff number	85444290
Electrical data   Supply         Constraint overlage AC         42 V           Contront operating yor contact max.         4 A           Installion   Connection         Installion   Connection           Mounting set         M12 x 1           Device protection   Redit         Installion   Connection           Device protection   Redit         Installion   Connection           Device protection   Modit         Installion   Connection   Redit           Device protection   Modit         Installion   Connection   Redit           Material housing         Plastic           Mounting method         Schraubgewinde           Device protection   Modit         Schraubgewinde           Environmental characteristics   Climatic         Concertion   Modit           Device protection   Modit         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Dorenting imperature min.         20 °C           Constraing imperature min.	GTIN	4048879055345
Operating voltage AC         42 V           Operating voltage DC         42 V           Current operating per contact max.         4 A           Installation [Connection         Installation [Connection]           Bouring set         M12 x 1           Device protection [Electrical]         Device protection [Electrical]           Device protection [Modia         Installation [KN EIC 606290]           Flame resistance         flame retardant           Mochanical data [Mounting data         Installation [Softman]           Mounting method         Schraubgewinde           Environmental characteristics [Climatic         Operating voltage factors           Operating voltage factors         20 °C           Operating lemperature max.         70 °C           Additional concilion temperature max.         70 °C           Additional concilion temperature max.         70 °C           Cable Stop         2           StOOM style jacket         Hybrid, Signal, Power           Cable forbp         2           Stop of collistion         398           Cable forbp         2           Jacket Color         gray           Type of Certificate         UFU           Stranding (uppe 2)         1           Stranding (uppe 2) <td>Packaging unit</td> <td>1</td>	Packaging unit	1
Operating voltage DC         42 V           Current operating per contact max.         4 A           Installation [Connection         Installation [Connection]           Mounting set         M12 x 1           Device protection [Effectival         Installation [Connection]           Device protection [Media         Installation [Connection]           Flame resistance         flame relation!           Mechanical data [Material data         Mechanical data [Material data]           Mechanical data [Material data]         Schraubgewinde           Environmental characteristics [Climatic         Operating temperature max.           Operating temperature max.         70 °C           Operating temperature max.         70 °C           Operating temperature max.         70 °C           CODe syle jacket         Hybrid, Signal, Power           Cable fortification         998           Cable Type         2           Cable Type         2           Cable Type         1           Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1           Stranding (type 2)         1           Stranding (type 2)         1 vires around Stranding combination twisted           wire arrangement         Wires arou	Electrical data   Supply	
Current operating per centact max.         4 A           Installation   Connection         Mounting eat         M12 x 1           Device protection   Electrical         Device protection   Electrical         Device protection   Modia           Pane resistance         Iname relation   Connection   Modia         Image eat   Connection   Modia           Mechanical data   Material data         Mechanical data   Material data         Mechanical data   Material data           Mechanical data   Material data         Schraubgewinde         Emvironmental characteristics   Climatic           Coperating temperature min.         -20 °C         Operating temperature max.         70 °C           Additional condition temperature max.         70 °C         Caddition   Condition temperature max.         70 °C           Additional condition temperature max.         70 °C         Caddition   Condition temperature max.         70 °C           Cable identification         398         Cable robus         Cable characteristics   Climatic           Stroomental characteristics   Climatic         Guine   Condition   Conditi	Operating voltage AC	42 V
Installation   Connection         M12 x 1           Device protection   Electrical         1965, IP67           Device protection   Media         1965, IP67           Device protection   Media         1965, IP67           Device protection   Media         1965, IP67           Menting and the relation (Media         1983           Metrial housing         Plastic           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         0° °C           Operating temperature min.         -20 °C           Op	Operating voltage DC	42 V
Mounting set         M12 x 1           Device protection   Ectrical         Person	Current operating per contact max.	4 A
Mounting set         M12 x 1           Device protection   Ectrical         Person	Installation   Connection	
Device protection [Electrical         IP65, IP67           Device protection [Media         Imme relardant           Flame resistance         frame relardant           Mechanical data [Material data         Material housing         Plastic           Material housing         Plastic         Material housing           Porting method         Schraubgewinde         Environmental characteristics [Climatic           Deprating temperature max.         70 °C         Coperating temperature max.         70 °C           Additional condition temperature range         depending on cable quality         Immental characteristics [Climatic           STOOW skyle jackst         Hybrid, Signal, Power         Cable identification         398           Cable identification         398         Cable identification         Gable identification           Type of Certificate         cLIPus         Amount stranding         1           Amount stranding         1         Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         1         Stranding commental, explain, prower, green, welling, orgen, welling, orgen, welling, orgen, red-blue, (violet, brown-grean, yblack, gray-white, red, brown-green, yblack, gray, bluck, brown, green, yblack, gray-white, red, brown-green, yblack, gray, bluck, brown, green, yblack, gray-white, red, brown-green, yblack, gray, bluck, brown, green-yellow)           Cable w		M12 x 1
Degree of protection (EN IEC 60529)         IP65, IP67           Device protection   Media         flame relardant           Flam resistance         flame relardant           Mechanical data   Material data         Plastic           Mechanical data   Mounting data         Mounting method           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature range         depending on cable quality           Installation   Cable	-	
Device protection   Media           Flame resistance         flame retardant           Meterial data   Material data         Material housing         Plastic           Meterial housing         Plastic         Material housing         Plastic           Meterial cata   Mounting data         Schraubgewinde         Environmental characteristics   Climatic           Deparating temperature min.         -20 °C         Operating temperature max.         70 °C           Additional condition temperature max.         70 °C         Operating temperature max.         70 °C           Additional condition temperature max.         70 °C         Operating temperature max.         70 °C           Additional condition temperature max.         70 °C         Operating temperature max.         70 °C           Stable identification         398         Cable identification         398           Cable of type         2         Jacket Color         gray           Type of Certificate         cURus         Amount stranding         1           Stranding         7 wires around Core filler twisted         Mine aroung stranding (type 2)         1           Write arrangement         write gray-pink, brown-green, yellow, green-write, green, red-blue, (violet, brown-green, yellow, green-write, gray, blue, brown, green-yellow)         Cable weight         16 s fram	· · · ·	
Flame resistance         Itame retardant           Material housing         Plastic           Material housing         Plastic           Mechanical data   Material data         Schaubgewinde           Environmental characteristics   Climatic         Comparing temporature min.         -20 °C           Operating temporature min.         -20 °C         Comparing temporature max.         70 °C           Additional condition temperature max.         70 °C         Comparing temporature max.         70 °C           Storowich Identition I cable         Use and the storowich Identition Identitication Identititation Identitication Identititation Identitication	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material data           Material housing         Plastic           Mechanical data   Mounting data         Schraubgewinde           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -20 °C           Operating temperature max.         70 °C         Additional condition temperature range         depending on cable quality           Installation   Cable         Strong Range         20 °C           STOOW style jackst         Hybrid, Signal, Power         Cable dentification         398           Cable identification         398         Cable identification         398           Stranding (type 2)         1         Stranding (type 2)         1         Stranding (type 2)	Device protection   Media	
Material housing         Plastic           Mechanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Climatic           Operating temperature min.         -20 °C           Operating temperature max.         70 °C           Additional condition temperature may         depending on cable quality           Installation   Cable         StoOW style jacket         Hybrid, Signal, Power           Cable identification         398         Call           Cable Color         gray         Type of Cartificate         cURus           Amount stranding         1         Stranding         7 wires around Core filler twisted           Amount stranding (type 2)         12 Wires around Stranding combination twisted         Stranding         wire around Stranding combination twisted           Stranding (type 2)         12 Wires around Stranding combination twisted         Mount stranding (type 2)         12 Wires around Stranding combination twisted           Stranding (type 2)         12 Wires around Stranding combination twisted         Mount stranding         Freedom trans, palow, prior, palow, green white, gray, blue, trown, green yellow)           Cable Hype         16 S (m         Material jacket         PUR           Stranding (type 2)         15 Stranding combinatin twisted	Flame resistance	flame retardant
Mechanical data   Mounting data           Mounting method         Schraubgewinde           Environmental characteristics   Climatic         Operating temperature min.         -20 °C           Operating temperature max.         70 °C         Additional condition temperature max.         70 °C           Additional condition temperature range         depending on cable quality         Installation   Cable         Store Name           STOOW style jacket         Hybrid, Signal, Power         Cable identification         398         Cable Identification         398           Cable Identification         398         Cable Identification         398         Cable Identification         Stranding         Image: Stranding	Mechanical data   Material data	
Mounting method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature min.         -20 °C           Additional condition temperature max.         70 °C           Additional condition temperature max.         70 °C           Installation   Cable	Material housing	Plastic
Mounting method         Schraubgewinde           Environmental characteristics   Climatic         -20 °C           Operating temperature min.         -20 °C           Additional condition temperature max.         70 °C           Additional condition temperature max.         70 °C           Installation   Cable	Mechanical data   Mounting data	
Operating temperature min.       -20 °C         Operating temperature max.       70 °C         Additional condition temperature range       depending on cable quality         Installation   Cable	Mounting method	Schraubgewinde
Operating temperature min.       -20 °C         Operating temperature max.       70 °C         Additional condition temperature range       depending on cable quality         Installation   Cable	Environmental characteristics   Climatic	
Operating temperature max.       70 °C         Additional condition temperature range       depending on cable quality         Installation   Cable       STOOW style jacket         STOOW style jacket       Hybrid, Signal, Power         Cable identification       398         Cable Identification       Gable Identification         Additional condition temperature in the standing condition to the standing of the standing (type 2)       1         Stranding (type 2)       12 wires around Stranding combination twisted         write arrangement       white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) <td< td=""><td></td><td>-20 °C</td></td<>		-20 °C
Additional condition temperature range       depending on cable quality         Installation   Cable         STOOW style jacket       Hybrid, Signal, Power         Cable identification       398         Cable identification       398         Cable Type       2         Jacket Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding (type 2)       1         Stranding (type 2)       1 vires around Core filler twisted         Amount stranding (type 2)       1 vires around Stranding combination twisted         write arrangement       white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown, green-yellow)         Cable weigth       165 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 5 Shore A         Freedom from ingredients (jacket)       10 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Color (inner jacket)       gray         Material invire insulation       PVC         Colure diameter insulation       1,3 mm	· · · ·	
Installation   CableSTOOW style jacketHybrid, Signal, PowerCable identification398Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)Cable weigth165 g/mMaterial jacketPURShore harchess jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm		
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Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, jnk, yellow-white, gray, blue, brown, green-yellow)Cable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm		
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Type of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)Cable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm		
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wire arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)Cable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm		
Wire analyticbrown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)Cable weigth165 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm		
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Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Cable weigth	165 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Material jacket	PUR
Outer-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Outer-diameter (jacket)	10 mm
Color (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mm	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation     PVC       Amount wires     16       Outer diameter insulation     1,3 mm	Material inner jacket	PVC
Amount wires     16       Outer diameter insulation     1,3 mm	Color (inner jacket)	gray
Outer diameter insulation 1,3 mm	Material wire insulation	PVC
	Amount wires	16
Outer diameter tolerance core insulation     ± 5 %		
	Outer diameter tolerance core insulation	±5%

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: 2024-05-06



Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
Material wire insulation (Power)	PVC
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Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire -	2 kV @ 60 s
jacket) Min. operating temperature (static)	-30 °C
	-30 °C
Max. operating temperature (fixed) Operating temperature min. (dynamic)	
	-5 °C
Operating temperature max. (dynamic)	
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 4	
Family construction form	free cable end
No. of poles	8
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	Α
No. of poles	5
PIN 1	S1

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PIN 2	S 2
PIN 3	S 3
PIN 4	S 4
PIN 5	PE
Family construction form	M8
Gender	female
Color contact carrier	black
Coding	Α
No. of poles	3
PIN 1	+
PIN 3	-
PIN 4	S

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