

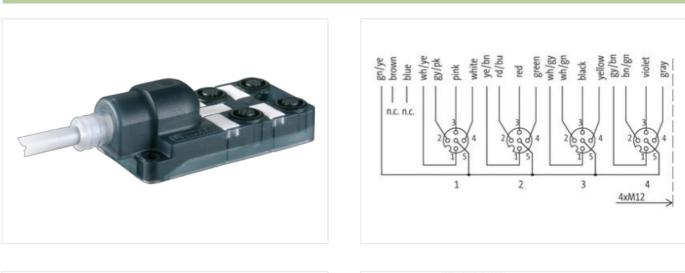
## EXACT12, 4XM12, 1:1, FIXED CABLE

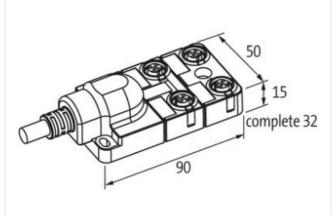
10.0m PUR/PVC 16x0,34+3X0.75

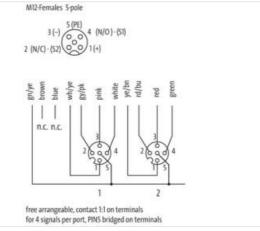
4-way UNIVERSAL 10.0 m pre-wired homerun cable without LED Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



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

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: 2024-05-08



ECLASS-0.027440 08ECLASS-10.127440 08ECLASS-11.127440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.027440 108ECLASS-12.0444837905345Packagring unit1Electrical data   Supply42.VCorrent operating per constart rac.4.AInstallation 1 Connection42.VPackagring of the Coll125.1Device protection   Electrical125.1Device protection   Electrical125.1Device protection   Electrical125.1Device protection   Media125.1Manting effCalcadowidaMaterial data   Material data145.1Device protection   MediaSchraubperindeEnvironmental characteristics   Climatu20.°COperating temperature mat.20.°COperating temperature mat.20.°COperati	ECLASS-8.0	27279219
ECA.4SS-11.1     27440108       ECA.4SS-12.0     27440108       ECA.4SS-12.0     27440108       ECA.4SS-12.0     ECA02865       customs farf number     85444290       GTIN     404877955545       Packaging unit     1       Electrical data   Suppi     Coperating voltage AC       Operating voltage AC     42 V       Operating voltage AC     40 C       Device protection   Media     Molt 1       Betwee Protection   Media     Molt 1       Material housing     Plastic       Material housing     Operating temperature max.       Operating temperature max.     70 °C       Operating temperature max.     70 °C       Operating vol	ECLASS-9.0	27440108
ECA.SP 120     22440108       ETMA-5.0     EC002585       Controns faint number     8544420       GTIN     404887055545       Packaging unit     1       Electrical data   Supply        Operating voltage AC     42 V       Operating voltage AC     105 FPS       Davice protection   Electrical     FPS. 1987       Device protection   Electrical     FPS. 1987       Device protection   Electrical     Electrical data       Material housing     Pesite       Mechanical data   Material data     Schraubgewinde       Environmental characteristics   Climatic     Generation       Operating temperature min.     -0:0:C       Operating temperature min.     -0:	ECLASS-10.1	27440108
ETMA 6.0     EC002585       customs taint number     85444290       GTN     40487905545       Packagin yunk     1       Electrical data   Sappiy     Operating voltage AC       Operating voltage AC     42 V       Operating voltage AC     42 V       Correct toperating voltage DC     42 V       Correct toperating voltage DC     42 V       Correct toperating recorrect max.     4 A       Installation   Connection     Volt 1       Device protection   Electrical     Device protection   Electrical       Bayles of protection   Electrical     Hame relardant       Mechanical data   Material data     Material housing       Mechanical data   Munting data     Schnub.dgewinde       Environmental chanckortiskics   Climatic     Operating responsature mix.       Operating responsature mix.     20 °C       Operating temperature mix.     20 °C <td>ECLASS-11.1</td> <td>27440108</td>	ECLASS-11.1	27440108
Quatoms tatif number     65444200       GTN     4048673065345       Packaging unit     1       Electrical data   Suppiy        Operating voltage AC     42 V       Operating voltage DC     42 V       Current Operating voltage DC     42 V       Current Operating voltage DC     44       Installation   Connection        Mouning got     M12 x 1       Device protection   Electrical        Device protection   Mola        Mechanical data   Mouning dat        Mouning method     Schraubgewinde       Environmental characteristics   Climatic        Operating temperature max     70 °C       Operating temperature max     70 °C </td <td>ECLASS-12.0</td> <td>27440108</td>	ECLASS-12.0	27440108
GTN4048879055345Packaging unit1Electrical das   SupplyOperating voltage AC42 VOperating voltage DC42 VCorrent operating voltage DC42 VCorrent operating voltage DC42 VInstallation   ConnectionVBevice protection   ModiaPB5, IP67Device protection   ModiaPB5, IP67Device protection   ModiaPB6, IP67Device protection   ModiaStraht dasMechanical data   Mounting dataMechanical data   Mounting dataMechanical data   Mounting dataStraht dasMechanical data   Mounting dataStraht dasMounting methodSchraubgewindeEnvorometal characteristics   ClimaticClimaticOperating temperature max.70 °CAddonal condition98Cable Type2StoOW skyle jacketHybrid, Signal, PowerCable identification98Cable identification99Cable identification98Cable identification98Cable identification98Cable identification99 <td>ETIM-5.0</td> <td>EC002585</td>	ETIM-5.0	EC002585
Packaging unit     1       Electrical data   Supply       Operating voltage AC     42 V       Operating voltage AC     42 V       Current operating per contact max.     4 A       Installation   Connection     Mil2 x 1       Device protection   Electrical     PBS, IPS7       Device protection   Media     Filme resistance       Filme resistance     fame residence       Bear ele protection   Media     PBearle       Material data   Material data     Material data   Material data       Material data   Material data     Schraubgewinde       Envice protection   Electrical     Schraubgewinde       Pervice protection   Media     Schraubgewinde       Mounting method     Schraubgewinde       Envicomental characteristics   Climatic     Operating tomperature min.       Operating tomperature min.     20 °C	customs tariff number	85444290
Electrical data   Supply     Concention youtage DC     42 V       Operating voltage DC     42 V       Concent operating por contact max.     4 A       Installion   Connection     Installion   Connection       Bouting set     M12 x 1       Device protection   Redrit     Installion   Connection       Berging of protection   Redrit     Installion   Connection       Device protection   Media     Installion   Connection   Media       Material housing     Plastic       Material housing     Plastic       Material housing     Plastic       Device protection   Media     Schraubgewinde       Environmental characteriatics   Climatic     Climatic       Departing numerication   Modifier   Mounting     Schraubgewinde       Environmental characteriatics   Climatic     Climatic       Operating numericature max.     20 °C       Doperating numericature max.     20 °C <td>GTIN</td> <td>4048879055345</td>	GTIN	4048879055345
Operating voltage AC     42 V       Operating voltage DC     42 V       Current operating per context max.     4 A       Installation [ Connoction     Installation [ Connoction [ Electrical ]       Device protection [ Electrical ]     Device protection [ Electrical ]       Device protection [ Electrical ]     IPES, IPE7 ]       Device protection [ Electrical ]     Plastic ]       Madrial housing Plastic ]     Plastic ]       Moutring method Schraubgewinde     Schraubgewinde       Environmental characteristics [ Climatic Occol     Operating method [ Schraubgewinde ]       Device protection [ Moutring data ]     Moutring method ]       Schraubgewinde [ Commental Condition Emperature max.     70 °C ]       Operating temperature max.     70 °C ]       Cable Stope ]     2       Stode Color     gray       Type of Catificate ]     Gual Catificate ]       Stranding ( Plastica ]     1       Stranding ( P	Packaging unit	1
Operating voltage DC     42 V       Current operating per contact max.     4 A       Installation   Connection     Installation   Connection       Mourling set     M12 x 1       Device protection   Electrical     IPES, IPE7       Device protection   Media     IPES, IPE7       Device protection   Media     IPES, IPE7       Device protection   Media     IPES, IPE7       Material housing     Plastic       Material housing     Plastic       Mechanical data   Mounting data     Mouring method       Operating temperature min.     -20 °C       Operating temperature min.     -20 °C       Operating temperature max.     70 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Stallation   Cable       STOOW ayle jacket     Hybrid. Signal, Power       Cable Toppe     2       Jacket Coor     gray       Type of Cortificate     cuFlue       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1 <td>Electrical data   Supply</td> <td></td>	Electrical data   Supply	
Current operating per centact max.     4 A       Installation   Connection     Maximg eat     M12 x 1       Device protection   Electrical     Degree of protection   Electrical     Degree of protection   Madia       Device protection   Madia     Hame relardant     Maching and Maximum (Mathematical Mathematical Mathemati Mathemati Mathmatical Mathmatical Mathematical Mathematical Math	Operating voltage AC	42 V
Installation   Connection     M12 x 1       Device protection   Electrical     Eggee of protection (EN EC 60529)     IP66, IP67       Device protection   Media     Eggee of protection   Media     Eggee of protection   Media       Paire resistance     flame retardant     Mechanical data   Muterial data       Mechanical data   Muterial data     Pastic     Mechanical data   Muterial data       Mechanical data   Muterial data     Schraubgewinde     Mechanical data   Muterial data       Mounting method     Schraubgewinde     Schraubgewinde       Environmential characteristics   Climatic     Operafing temperature man.     20 °C       Operafing temperature man.     20 °C     Operafing temperature man.     20 °C       Operafing temperature man.     20 °C     Operafing temperature man.     20 °C       Operafing temperature man.     20 °C     Operafing temperature man.     20 °C       Operafing temperature man.     20 °C     Operafing temperature man.     20 °C       Operafing temperature man.     20 °C     Operafing temperature man.     20 °C       Stradbig dentification     398     Scheendition temperature man.     20 °C       Stradbig dentification     <	Operating voltage DC	42 V
Mounting set     M12 x 1       Device protection   Electrical       Degree of protection   Media       Device protection   Media       Elever resistance     If mam relatadant       Machanical data   Material data     Imme relatadant       Machanical data   Material data     Plastic       Material housing     Plastic       Material housing     Plastic       Mounting method     Schraubgewinde       Environmential characteristics   Climatic	Current operating per contact max.	4 A
Mounting set     M12 x 1       Device protection   Electrical       Degree of protection   Media       Device protection   Media       Elever resistance     If mam relatadant       Machanical data   Material data     Imme relatadant       Machanical data   Material data     Plastic       Material housing     Plastic       Material housing     Plastic       Mounting method     Schraubgewinde       Environmential characteristics   Climatic	Installation   Connection	
Device protection [Electrical     IP65, P67       Device protection [Media     Itame relatant.       Flame resistance     Itame relatant.       Mechanical dia [Material data     Itame relatant.       Mechanical data [Material data     Itame resistance       Mechanical data [Material data     Schraubgewinde       Environmental characteristics [Climat.     20 °C       Operating temperature max.     70 °C       Additional condition temperature max.     70 °C       Additional condition temperature max.     70 °C       Cable identification     398       Cable identification     398       Cable identification     398       Cable identification     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     7 Wres around Core filler twisted       Amount stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Additional predicter (gaket)     Big fm       Material packt     PUR       Shore A Freecommon (gaket)     Big		M12 x 1
Degree of protection (EN IEC 60529)     IP65, IP67       Device protection   Media     Iame relardant       Reme resistance     fame relardant       Mechanical data   Material data     Plastic       Mechanical data   Mouting data     Plastic       Mechanical data   Mouting data     Commental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     70 °C       Additional condition temperature range     degending on cable quality       Installation   Cable     Store N       STOOW style jacket     Hybrid, Signal, Power       Cable identification     388       Cable of Color     gray       Type of Color     gray       Type of Color     gray       Stranding     1       Stranding     1       Stranding     1       Stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Meter arrangement     White, gray-plick, browm-green, velick, gray-white, green, red-blue, (violet, browm-g	-	
Device protection   Media       Flame resistance     flame retardant       Metanical data   Material data     Metanical data   Mounting method       Metchanical data   Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -20 °C       Operating temperature min.     -20 °C     -20 °C       Additional condition temperature max.     70 °C     -20 °C       Cable Identification     398     -20 °C       Cable Identification     398     -20 °C       Cable Type     2     -20 °C       Jacket Color     gray     -20 °C       Type of Certificate     cuBus     -20 °C       Amount stranding (type 2)     1     -20 °C       Stranding (type 2)     1     -20 °C       Cable weigh     15 °C     -20 °C       Anount stranding (type 2)     1     -20 °C       Cable weigh	•	
Flame resistance     Itame retardant       Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Mechanical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Coperating temperature min.     -20 °C       Operating temperature max.     70 °C     Additional condition temperature max.     70 °C       Additional condition temperature max.     70 °C     Coperating temperature max.     70 °C       Cable identification     398     Commental characteristics   Climatic       STOOW sity is jacket     Hybrid, Signal, Power     Cable identification     398       Cable identification     398     Cable identification     398       Cable identification     198     Cable identification     198       Amount stranding     1     Stranding     7 wires around Core filler twisted       Amount stranding (type 2)     1     1       Stranding (type 2)     1 wires around Stranding combination twisted     Write, grap-pink, prow-present, yellow, green-while, green, red-blue, (violet, brown-grap, black, grap-while, red, black,	Degree of protection (EN IEC 60529)	IP65, IP67
Mechanical data   Material data       Material housing     Plastic       Mechanical data   Mounting data     Plastic       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     Storw slyle jacket     Hybrid, Signal, Power     Cable identification     398       Cable identification     398     Cable Type     2     Jacket Color     gray       Type of Certificate     c.UFUs     Amount stranding     1     Stranding     7 wires around Core filler twisted       Amount stranding (type 2)     1     Stranding (type 2)     1     Stranding (type 2)     1       Stranding (type 2)     1     Stranding (type 2)     1     Stranding (type 2)     1       Stranding (type 2)     1     Stranding combination twisted     Amount stranding combination twisted       Amount stranding (type 2)     1     Stranding combination twisted     Stranding combination twisted       Cable weight     165 g/m     4	Device protection   Media	
Material housing     Plastic       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climatic     Construct       Operating temperature min.     -20 °C       Operating temperature max.     70 °C       Additional condition temperature max.     70 °C       Additional condition temperature max.     70 °C       Additional condition temperature may     depending on cable quality       Installation   Cable     Storeward       STOOW style jacket     Hybrid, Signal, Power       Cable identification     398       Cable Type     2       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     7 wires around Core filler twisted       Amount stranding (type 2)     12 wires around Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted       Cable Hype     12 wires around Stranding combination twisted       Stranding (type 2)     12 wires around Stranding combination twisted       Cable weigith	Flame resistance	flame retardant
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     C       Operating temperature min.     -20 °C       Operating temperature max.     70 °C       Additional condition temperature range     depending on cable quality       Installation   Cable        STOOW style jacket     Hybrid, Signal, Power       Cable identification     398       Cable Identification     398       Cable Identificate     cURus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Write grav-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-grav, black, grav-white, red, brown-grav, black, grav-white, red, brown-grav, black, grav-white, red, brown-grav, black, grav-white, grav, blue, brown, green-yellow)       Cable weigth     165 g/m       Material jacket     PUR       Shore hardness jacket     87 ± 5 Shore A       Freedom from ingredients (jacket)     lea4r+ee, cadmium-free, CFC-free, silicone-free       Outer diameter (jacket)     10 mm       Tolerance outer diameter (sheath)	Mechanical data   Material data	
Mounting method     Schraubgewinde       Environmental characteristics   Climatic     -20 °C       Operating temperature max.     70 °C       Additional condition temperature max.     70 °C       Installation   Cable	Material housing	Plastic
Environmental characteristics   ClimaticOperating temperature min20 °COperating temperature max.70 °CAdditional condition temperature max.depending on cable qualityInstallation   CableSTOOW style jacketHybrid, Signal, PowerCable identification398Cable forp2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (t	Mechanical data   Mounting data	
Operating temperature min.   -20 °C     Operating temperature max.   70 °C     Additional condition temperature range   depending on cable quality     Installation   Cable   STOOW style jacket   Hybrid, Signal, Power     Cable identification   398   Cable Type   2     Jacket Color   gray   gray   Type of Certificate   cURus     Amount stranding   1   1   Stranding (type 2)   1     Stranding (type 2)   1   2   1   1     Stranding (type 2)   1   1   1   1     Stranding (type 2)   1   2   1   2     Cable weigth   165 g/m   Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A   5   5     Freedom from ingredients (jacket)   10 mm   1   1   1     Tolerance outer diameter (jacket)   9 × C   2   2   2   2   2   2   2   2   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3	Mounting method	Schraubgewinde
Operating temperature min.   -20 °C     Operating temperature max.   70 °C     Additional condition temperature range   depending on cable quality     Installation   Cable   STOOW style jacket   Hybrid, Signal, Power     Cable identification   398   Cable Type   2     Jacket Color   gray   gray   Type of Certificate   cURus     Amount stranding   1   1   Stranding (type 2)   1     Stranding (type 2)   1   2   1   1     Stranding (type 2)   1   1   1   1     Stranding (type 2)   1   2   1   2     Cable weigth   165 g/m   Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A   5   5     Freedom from ingredients (jacket)   10 mm   1   1   1     Tolerance outer diameter (jacket)   9 × C   2   2   2   2   2   2   2   2   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3   3	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   398     Cable Iotype   2     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   7 wires around Core filler twisted     Amount stranding (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)     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)   9VC     Additional condition   70 wires     Outer diameter insulation   PVC	· ·	-20 °C
Additional condition temperature range   depending on cable quality     Installation   Cable     STOOW style jacket   Hybrid, Signal, Power     Cable identification   398     Cable Identification   Gable Identification     Amount stranding   1     Stranding   7 wires around Core filler twisted     Amount stranding (type 2)   1     Stranding (type 2)   12 wires around Stranding combination twisted     wire 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<		
Installation   CableSTOOW style jacketHybrid, Signal, PowerCable identification398Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)1Stranding (type 2)1 2 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)10 mmTolerance outer diameter (jacket)10 mmTolerance outer diameter (jacket)9VCColor (inner jacket)grayMaterial inner jacketPVCColor (inner jacket)grayMaterial inner jacketPVCColor (inner jacket)9VCAmount wires16Outer diameter insulation1,3 mm		
STOCW 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 hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial inner jacketPVCAmount wires16Outer diameter insulation1,3 mm		
Cable 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 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		Liubrid Signal Dawar
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, pink, 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		
Jacket 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 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		
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		
Amount 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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Amount 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		
Stranding (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 insulationPVCArount wires16Outer diameter insulation1,3 mm		
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 arrangement   brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)     Cable weigth   165 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free     Outer-diameter (jacket)   10 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   16     Outer diameter insulation   1,3 mm	Stranding (type 2)	
Material 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 arrangement	
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		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	inatorial initor jaonot	
Outer diameter insulation 1,3 mm		gray
	Color (inner jacket)	
Outer diameter tolerance core insulation ±5%	Color (inner jacket) Material wire insulation	PVC
	Color (inner jacket) Material wire insulation Amount wires	PVC 16

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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>
Traversing distance (C-track)	5 m @ 25 °C
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Travel speed (C-track)	3
Material wire insulation (Power)	PVC
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 - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	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	A
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	A
No. of poles	3
PIN 1	+
PIN 3	-
PIN 4	\$

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