

## PASSIVE-DI0° PLASTIC,8XM12,5POL,PRE-WIRED CABLE

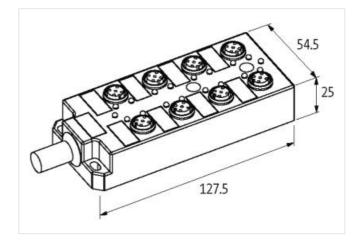
3.0m PUR-JB 16\*0,34+3\*0,75

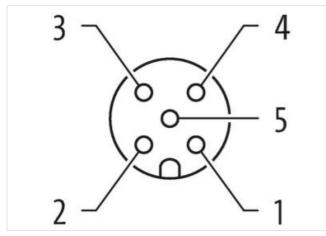
8-way, 5-pole PUR/PVC 3.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## Link to Product









Product may differ from Image

## Commercial data ECLASS-6.0 27279219 ECLASS-6.1 27279219 ECLASS-7.0 27279219 ECLASS-8.0 27279219 ECLASS-9.0 27440108 ECLASS-10.1 27440108 ECLASS-11.1 27440108 ECLASS-12.0 27440108

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: 2024-05-07

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Sustems Laff numberEH-H400GTIN404879002300Packaging unit1Electrical data [SuppyQuoraling voltage DC24 VCurrent operating per contact max.10 AIndustrial current max.10 ADevice protection [ElectricalDevice protection [Electrical<	ETIM-5.0	EC002585
Packagn juni 1 Electrical data [Supply  Electrical data [Supply  Corrent operating voltage DC 24 V  Electrical corrent max. 10 A  Industrial communication  Industr	customs tariff number	85444290
Electrical data   Supply         Uperality vilage DS         24 V           Current operality per contant max.         10 A           Industrial communication         ID A           Industrial communication per port         2           Installation   Connection         ID X 1           Device protection [ENTEC 60528)         IP67           Additional condition protection degree         Inserted, screwed           Mechanical data   Muniting deta         Monting method           Mechanical data   Muniting deta         Monting method           Mechanical data   Muniting deta         Monting method           Mechanical data   Muniting deta         Schraubgewinde           Mechanical data   Muniting deta         Schraubgewinde           Perge of protection (EN LEC 60528)         IP67           Additional gongemine method         Schraubgewinde           Hechanical data   Muniting deta         Schraubgewinde           Perge of getotection (EN LEC 60528)         IP67           Operating temperature min.         40 °G           Departing temperature min.         40 °G           Operating temperature min.	GTIN	4048879062930
Operating voltage DC         24 V           Current operating per contact max.         4 A           Total current max.         10 A           Industrial communication         2           Munting of organise per port of organise per port of organise per port organise per port of organise per port organis per port or	Packaging unit	1
Current operating per contact max.         10 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Industrial communication           Mounting set         M12 x 1           Device protection   Electrical         Installation   Connection           Additional control (EN IEC 60829)         IP67           Operating temperature min.         40 °C           Control (En IEC FORE)         IP67           Operating temperature min.         40 °C           Cable Inform         98           Cable Inform         98           Cable Inform         IP79           Amount stranding         IP40           Y	Electrical data   Supply	
Current operating per contact max.         10 A           Industrial communication         Industrial communication           Number of signals per port         2           Installation   Connection         Industrial communication           Mounting set         M12 x 1           Device protection   Electrical         Installation   Connection           Additional control (EN IEC 60829)         IP67           Operating temperature min.         40 °C           Control (En IEC FORE)         IP67           Operating temperature min.         40 °C           Cable Inform         98           Cable Inform         98           Cable Inform         IP79           Amount stranding         IP40           Y	Operating voltage DC	24 V
Total current max.       10 A         Industrial communication       Industrial communication         Number of signifies per port       2         Installation (Connection       Mol X 1         Device protection [FlietChical       Device protection (FlietChical         Degree of protection (FlietChical       Device protection (FlietChical         Degree of protection (FlietChical       Device protection (FlietChical         Munning method       Schraubgewinde         Headmical data (Mounting data       Moleching and Schraubgewinde         Height       127.5 mm         Width       64.5 mm         Deprint (Strepresentation (Connection (Strepresentation (Strepresen		
Number of signals por port         2           Installion   Connection         Mouring set         Mouring set <td></td> <td></td>		
Installation Connection           Mounting sel         M12 x 1           Device protection   Electrical         PS7           Additional condition protection degree         inserted, screwed           Mounting method         Schraubgewinde           Height         127,5 mm           Width         54,5 mm           Deprint         25 mm           Environmental charcteristics   Climatio         90 °C           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Environmental charcteristics   Climatio         S98           Cable Gobie         Stocol           STOOW style jacket         Hybrid, Signal. Power           Cable Golor         gray           Type of Certificate         cd/Rus           Amount stranding         1           Stranding (type 2)         1           Verse around Care filter twisted           Amount stranding (type 2)         1           Material Jacket         BY 2 S Shore A           Freedor from ingredients (jacket)         BY 3 S Shore M           Material Jacket         BY 2 S Shore A	Industrial communication	
Munting set         M12 x 1           Degree of protection   Electrical         IP67           Degree of protection (Elect 60529)         IP67           Additional constitution protection degree         Inserted, screwed           Mextming method         Schraubgewinde           Height         127,5 mm           With         54,5 mm           Deprint         25 mm           Environmental characteristics   Climatic         Oor Co           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Environmental characteristics   Climatic         Oor Co           Operating temperature max.         80 °C           Environmental characteristics   Climatic         Oor Co           Operating temperature max.         80 °C           Environmental characteristics   Climatic         Oor Co           Operating temperature max.         80 °C           Environmental characteristics   Climatic         Oor Co           Operating temperature min.         90 °C           Environmental characteristics   Climatic         Oor Co           Clamatic (Climatic         Oor Co           Clamatic (Climatic         Oor Co           Clamatic (Climatic         Oor Co           Strandi	Number of signals per port	2
Device protection [Electrical         IPE7           Additional condition protection (EN IEC 60529)         IPE7           Additional condition protection degree         inserted, screwed           Mechanical addition protection degree         inserted, screwed           Mechanical additional condition protection degree         inserted, screwed           Mechanical addition protection degree         inserted, screwed           Deprint gemeprature max.         80 °C           Derating temperature max.         80 °C           Descretion (Cable         5000 Style [acket           Stradiction (Cable         989           Cable Type         2           Jacket Color         gray           Type of Cartificate         cJRus           Amount stranding         1           Stranding (type 2)         1	Installation   Connection	
Degree of protection (EN IEC 60529)         IP67           Addinal condition protection degree         inserted, screwed           Mechanical data   Mounting data         Schraubgewinde           Height         127,5 mm           Width         64,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Operating temporature min.         20 *C           Operating temporature max.         80 *C         Environmental characteristics   Climatic           StoOW style jacket         Hybrid, Signal, Power         Cable forteristics   Climatic           Cable forteristics         98         Cable Forteristics         Cable forteristics           StoOW style jacket         Hybrid, Signal, Power         Cable forteristics         Cable forteristics           Cable forteristics         Clifus         Cable forteristics         Clifus           Amount stranding         1         Stranding         Stranding         Forteristics           Weith argraphink, brown-green, yellow, green-white, green, red-blae, (violet, brown-gray, black, gray-white, red, brown' yelow,	Mounting set	M12 x 1
Degree of protection (EN IEC 60529)         IP67           Addinal condition protection degree         inserted, screwed           Mechanical data   Mounting data         Schraubgewinde           Height         127,5 mm           Width         64,5 mm           Depth         25 mm           Environmental characteristics   Climatic         Operating temporature min.         20 *C           Operating temporature max.         80 *C         Environmental characteristics   Climatic           StoOW style jacket         Hybrid, Signal, Power         Cable forteristics   Climatic           Cable forteristics         98         Cable Forteristics         Cable forteristics           StoOW style jacket         Hybrid, Signal, Power         Cable forteristics         Cable forteristics           Cable forteristics         Clifus         Cable forteristics         Clifus           Amount stranding         1         Stranding         Stranding         Forteristics           Weith argraphink, brown-green, yellow, green-white, green, red-blae, (violet, brown-gray, black, gray-white, red, brown' yelow,	Device protection   Electrical	
Additional condition protection degree         inserted, screwed           Mounting method         Schraubgewinde           Height         127,5 mm           With         64,5 mm           Depth         25 mm           Environmental characteristics   Climator         25 mm           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable         50 °C           STOOM style jacket         Hybrid, Signal, Power           Cable identification         369           Cable identification         369           Cable of Corrificate         CUFus           Amount stranding         1           Stranding         1           Stranding (type 2)         1           Stranding (type 2)         1 (2 wires around Core filler twisted           Amount stranding (type 2)         1 (2 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-yellow, jink, yellow-white, gray, blue, brown, green, yellow, green-white, gray, blue, brown, green, yellow, green-yellow, if (2 Gray-Gray)           Stranding Inserted, scatta         87 ± 6 Store A           Freedom from inseqdatet         PVE	· · ·	ID67
Mechanical data   Mounting method         Schraubgewinde           Height         127,5 mm           Width         54,5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable         StooW syle jacket           StooW syle jacket         Hybrid, Signal, Power           Cable identification         388           Cable identification         188           Amount stranding         1           Stranding (type 2)         12 wires around Core filler twisted           wire arrangement         Write, grappink, brown-green, yellow, green-wile, green, red-blue, (violet, brown-grap, black, grap-while, red, brown-grap, black, grap-while, red, brown-grap, black           Stranding (type 2)         12 wires around Stranding combination twisted           Write, grappink, brown-green, yellow, br		
Mounting method         Schraubgewinde           Height         127.5 mm           Widh         54.5 mm           Depth         25 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         80 °C           Installation   Coble            STOOW style jacket         Hybrid. Signal, Power           Cable identification         398           Cable identification         398           Cable for Type         2           Jacket Colon         gray           Type of Certificate         culRus           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         1           Wire arrangement         brown-yellow, pink, yellow-while, gray, blue, brown, green-yellow, folct, brown-gray, black, gray-while, red, brown-yellow, pink, yellow-while, gray, blue, brown, green-yellow, folct, brown-gray, black, gray-while, red, brown-yellow, pink, yellow-while, gray, blue, brown, green-yellow, folct, brown-gray, black, gray-while, red, brown-yellow, pink, yellow-while, gray, blue, brown, green-yellow, folct, brown-gray, black, gray-while, red, brown-gray, black, gray-while, red, brown-yellow, pink, yellow-while, gray, blue, brown, green-yellow, fol		
Height       127,5 mm         Width       54,5 mm         Depth       25 mm         Environmental characteristics   Climatic         Operating temperature min.       -20 °C         Operating temperature max.       80 °C         Installation   Cable       500W style jacket         STOCW style jacket       Hybrid, Signal, Powor         Cable identification       398         Anount stranding       1         Stranding       1         Stranding (type 2)       1         vire arrangement       white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, black- (violet, brown-gray, black, gray-white, red, black- form - yellow, ink, yellow white, gray, blue, brown, green - yellow)         Cable weight       155 g/m         Material jacket       PUR         Shore hardness jacket       87 ± 5 Shore A         Freedom fr		
Widh       \$4,5 mm         Depth       25 mm         Environmental characteristics   Climatic         Operating temperature min.       -20 °C         Operating temperature max.       80 °C         Installation   Cable       STOCW style jacket         STOW style jacket       Hybrid, Signal, Power         Cable identification       398         Cable form       gray         Type of Cartificate       cuRus         Amount stranding       1         Stranding       7 wires around Core filler twisted         Amount stranding (type 2)       1         Stranding (type 2)       1 Stranding combination twisted         wire arrangement       while, gray- pink, brown green, yellow, green- while, green- yellow)         Cable weigh       165 g/m         Material jacket       PUR         Shore hardness jacket       87 5 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, silicone-free         Cuter dameter (jacket)       10 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Color (more jacket)       974 S         Color (more jacket)       974 S         Shore hardnessi jacket	-	-
Depth         26 mm           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable		
Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         80 °C           Installation   Cable         Stock           STOOW style jacket         Hybrid, Signal, Power           Cable Identification         398           Cable Identification         398           Cable Identification         398           Cable Identification         398           Cable Identification         047           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         1           Viries around Core filler twisted         Amount stranding (type 2)           Stranding (type 2)         1           Write arrangement         white gray-pink, brown-green, yellow, green-white, green, red-bue, (violet, brown-gray, black, gray-white, red, brown-gray, black, gray-white, red, brown-green, yellow, preen-yellow)           Cable weigth         165 g/m           Material jacket         PUR           Shore A         Freedom trom ingredients (jacket)           Outer-diameter (jacket)         10 mm           Telerance outer diameter (sheath)         ± 5 %           Material inner jacket         PVC           Color (inner jacket)         16     <		
Operating temperature min.       -20 °C         Operating temperature max.       80 °C         Installation   Cable       StOOW Style jacket         STOOW Style jacket       Hybrid, Signal, Power         Cable identification       398         Cable identification       398         Jacket Color       gray         Type of Certificate       cDRus         Amount stranding       1         Stranding       7 wires around Core filler twisted         Amount stranding (type 2)       1         Stranding (type 2)       1 vires around Stranding combination twisted         Mile gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yelow, pink, yellow-white, gray, blue, brown, green-yellow)         Cable weigth       165 g/m         Material jacket       PUR         Shore hardnese jacket       87 ± 5 Shore A         Freedom from ingredients (jacket)       10 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inergisket       PVC         Color (inner jacket)       gray         Material inergiskie       95 %         Material inergiskie       1.3 mm         Outer diameter insulation       45 % Shore D         Material inergiskie	Depth	25 mm
Operating temperature max.       80 °C         Installation   Cable       STOOW style jacket         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         wire arrangement       while, gray-pink, brown-green, yellow, green-while, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-greiny, black brown, green-yellow)         Cable weigth       165 g/m         Material jacket       PUR         Shore hadrness jacket       87 ± 5 % Material market         Freedom from ingrecients (jacket)       10 mm         Tolerance outer diameter (sheath)       ± 5 %         Material inner jacket       PVC         Color (inner jacket)       gray         Outer diameter tolerance core insulation       1.3 mm         Outer diameter tolerance core insulation       ± 5 %         Material inner insulation       43 ± 5 % Shore D         Material p	Environmental characteristics   Climatic	
Installation   Cable           STOOW style jacket         Hybrid, Signal, Power           Cable identification         398           Cable identification         398           Cable Identification         gray           Type of Certificate         cURus           Amount stranding         1           Stranding (type 2)         1           Stranding (type 2)         1           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-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         1,3 mm           Outer diameter tolerance core insulation         ± 5 %           Sho	Operating temperature min.	-20 °C
STOOW 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 twistedwrie arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-greilow, 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 insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properies wire insulation43 ± 5 Shore DMaterial properies wire insulationja strameMaterial properies wire insulationja strameAmount strandgrayMaterial properies wire insulationja strameJa stramegood machinabilityIngredient free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Operating temperature max.	80 °C
Cable identification398Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding7 wires around Core filler twistedAmount stranding (type 2)1Stranding (type 2)12 wires around Stranding combination twistedwrie arrangementwhite, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, pillew, 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 insulation1,3 mmOuter diameter tolerance core insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulation5 %Shore hardness wire insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation19	Installation   Cable	
Cable Type2Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding (type 2)7 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 inner jacketPVCOuter diameter insulation1.3 mmOuter diameter insulation1.3 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulation19	STOOW style jacket	Hybrid, Signal, Power
Jacker Color       gray         Type of Certificate       cURus         Amount stranding       1         Stranding (type 2)       1         Stranding (type 2)       1         Write arrangement       white, gray-pink, brown-green, yellow, green-white, green, red-blue, (vlolet, 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)       lead-free, cadmium-free, CFC-free, silicone-free         Outer-diameter (jacket)       10 mm         Tolerance outer diameter (sheatth)       ± 5 %         Material inner jacket       PVC         Color (inner jacket)       gray         Material inner jacket       PVC         Outer diameter insulation       1.3 mm         Outer diameter insulation       1.3 mm         Outer diameter tolerance core insulation       43 ± 5 Shore D         Material wire insulation       43 ± 5 Shore D         Material proferies wire insulation       43 ± 5 Shore D         Material proferies wire insulation       10 arcmathultig         Ingredient freeness wire insulation       12 ± 5 %	Cable identification	398
Type of CertificatecLRusAmount 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)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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial roperties wire insulation43 ± 5 Shore DMaterial roperties wire insulation19	Cable Type	2
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)       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 tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Material inproperties wire insulation       43 ± 5 Shore D         Material properties wire insulation       gray         Material properties wire insulation       gray frag         Material properties wire insulation       43 ± 5 Shore D         Material propertie	Jacket Color	gray
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-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 tolerance core insulation       1,3 mm         Outer diameter tolerance core insulation       43 ± 5 Shore D         Material properties wire insulation       43 ± 5 Shore D         Material properties wire insulation       lead-free, cadmium-free, CFC-free, silicone-free         Amount strands (wire)       19	Type of Certificate	cURus
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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation19	Amount stranding	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-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       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       43 ± 5 Shore D         Material properties wire insulation       93 ± 5 Shore C         Material properties wire insulation       19	Stranding	7 wires around Core filler twisted
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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient free, cadmium-free, CFC-free, silicone-free	Amount stranding (type 2)	1
Write drantgementbrown-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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, CFC-free, silicone-freeAmount strands (wire)19	Stranding (type 2)	12 wires around Stranding combination twisted
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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	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 tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Material properties wire insulation± 5 %Shore hardness wire insulation± 9 WCMaterial properties wire insulation19 WC	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 tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Material jacket	PUR
Outer-diameter (jacket)10 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation19	Shore hardness jacket	87 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulation19	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Outer-diameter (jacket)	10 mm
Color (inner jacket)grayMaterial wire insulationPVCAmount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Tolerance outer diameter (sheath)	± 5 %
Material wire insulation       PVC         Amount wires       16         Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         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	Material inner jacket	PVC
Amount wires16Outer diameter insulation1,3 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Color (inner jacket)	gray
Outer diameter insulation       1,3 mm         Outer diameter tolerance core insulation       ± 5 %         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	Material wire insulation	PVC
Outer diameter tolerance core insulation       ± 5 %         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	Amount wires	16
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	Outer diameter insulation	1,3 mm
Material properties wire insulationgood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-freeAmount strands (wire)19	Outer diameter tolerance core insulation	
Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free       Amount strands (wire)     19	Shore hardness wire insulation	43 ± 5 Shore D
Amount strands (wire) 19	Material properties wire insulation	
Diameter of single wires 0,15 mm	· · ·	-
	Diameter of single wires	0,15 mm

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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	1,0 11111
(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 mm²
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)	80 °C
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 2	
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	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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