

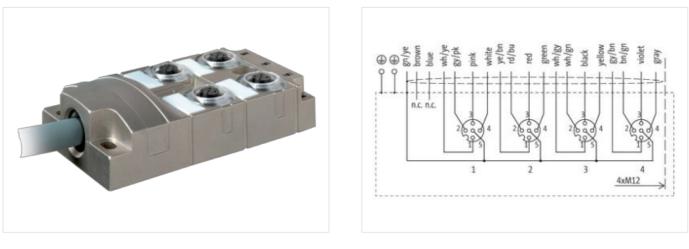
## MVP12-METALL, 4XM12, 5-POLE, PRE-WIRED CABLE

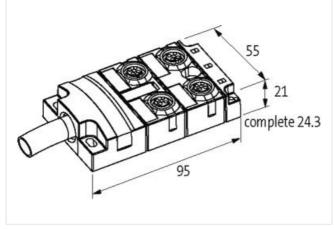
10.0m PUR 16x0,34+3X0.75

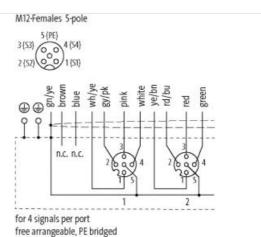
4-way UNIVERSAL, shielded 10.0 m 5-pole, with LED Replaces identical product (Art.No. 27463) Further cable lengths on request.

## Link to Product

Illustration







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	

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: 2024-05-10



EQLASS-111   27440108     EQLASS-120   27440108     EQLASS-120   27440108     ETIN 8.0   EC022815     catkors turff under   8544290     GTIN   49489752570     Packagn unit   1     Electrical data [Supply   Operating voltage 0.0 max.   42.V     Operating voltage 0.0 max.   42.V     Operating voltage 0.0 max.   42.V     Device protection [Extrical   Mouring set     Mouring set   M12.1     Device protection [Extrical   Extrinuel data     Mouring set   M12.1     Device protection [Extrical   Extrinuel data     Coaling housing   Nickeled     Material thousing   Zinc dis-casting     Mouring method   Schraubgewinde     Extricomental characteristics [Climatic   Operating importatire man.     Operating importatire max.   80.°C	ECLASS-10.1	27440108
ECL365/2.0     24/40.08       ETM 5.0     EC002565       Calima Laff mumber     8544/290       CITM     404897350570       Packaging unit     1       Electrical data [ Supply        Operating voltage AC max.     42 V       Carrent operating voltage AC max.     42 V       Carrent operating voltage AC max.     4 A       Installation [Connection     42 V       Carrent operating voltage AC max.     4 A       Installation [Connection]     M12 x 1       Device of protection [ Electrical     Electrical Connection       Mounting set     M12 x 1       Device of protection [Electrical     Electrical Connection       Material housing     Noteled       Material toxing     Noteled       Material consing     Schraubgewinde       Environmental characteristics [ Climatic     Conventing tomperature max.       Operating tomperature max.     90 °C       Additional condition temperature max.     90 °C       Cable continuction     401       Linder Colon     Cable continuction       Typio of Cartificatio     cURuis		
ETB-50     EC02028IS       customs tariff number     8544290       OTIN     404837505570       Packagn unit     1       Exercised data 15appty     Commin voltage AG max.       Operating voltage AG max.     42 V       Current operating por contact max.     42 V       Instaliation (Connection     4A       Instaliation (Econection Elscriftad     Boy contact max.       Device protection [Elscriftad     Boy contact max.       Device protection [Elscriftad     Device protection [Elscriftad       Device protection [Elscriftad     Elscriftad       Mounting set     Nolvelad       Material housing     Zinc die casting       Mechanical data [Material data     Elscriftad       Coaling housing     Nolvelad       Mounting markind     Sinubgevinde       Environmental characteristics [Classes     dispersing for granula with max.       Operating temperature max.     90 °C       Additional condition temperature may.     dispersing for granula with max.       Dispersing temperature may.     90 °C       Caste identification     401       Additional conditaliton for granula with wi		
customs saiff number     8544280)       GTIN     404897350670       Parkange unt     1       Electrical data   Suppit        Oparating voltage AC max.     42 V       Carrent operating per central max.     4A       Installation   Connection        Mounting set     M12 x 1       Device protection   Electrical        Begree of protection   Electrical        Begree of protection   Electrical        Begree of protection   Electrical        Bedramical data   Mounting dat        Mathrid housing     Nickeled       Mathrid housing     Nickeled       Mathrid housing     Schraubgewinde       Environmental characteristics   Climatic        Operating imperature max.     90 °C       Additional controling emperature max.     90 °C       Additional controling on cable quality        Installation   Cable        Cable controling tender min.     26 °C       Carrent operature max.     90 °C       Additional controling     0.1       Standing faboter min. <td></td> <td></td>		
GTN     4048879305570       Packaging unit     1       Electrical das   Supply        Operating voltage AC max.     42 V       Operating voltage AC max.     42 V       Current operating voltage AC max.     42 V       Current operating per contact max.     4A       Installation   Connection     Mounting set       Device protection   Electrical     Berge of protection   Electrical data       Coaling housing     Nockelod       Material housing     Zinc die-casting       Mounting method     Softraubgewinde       Environmental characteristics   Climatic     Coperating temperature min.       Operating temperature min.     25 °C       Operating temperature max.     50 °C       Additional condition temperature rango     deprecting on cable quality       Installation   Coble     Cable dentification       Jacket Cobr     gray       Type of Coertitate     CUFRis       Amount stranding     1       Stranding     9 wires treated       Stranding     1       Stranding     9 wires around Stranding combination counter-rotating twated		
Packaging unit     1       Electrical data [Suppiy     V       Operating voltage AC max.     42 V       Operating voltage AC max.     42 V       Current operating per contact max.     4A       Installation   Connection     Maturity get       Mounting ed     M12 x 1       Device protection   Electrical     Person   Person		
Electrical data   Supply       Operaling vollage AC max.     42 V       Operaling vollage DC max.     4A       Current operating per contact max.     4A       Installicion   Connection     Installicion   Connection       Mounting set     M12 x 1       Device protection   Electrical     P05, IP67, IP68       Mechanical data   Material data     Installicion   Connection       Casting housing     Nickeled       Material housing     Zinc cle-casting       Material housing     Subraubgewinde       Environmental Characteriatics   Climatic     Connection       Operating housing     Subraubgewinde       Environmental Characteriatics   Climatic     Concol       Operating Inorgewinder max.     80 °C       Operating Inorgewinder max.     80 °C       Colabie clentification     401       Cable Color     gray       Type of Collification     401       Cable Color     gray       Type of Collification     401       Stranding factor max.     80 run       Stranding factor max.     80 run       Stranding factor max.     80 run </td <td></td> <td></td>		
Operating voltage AC max.     42 V       Operating voltage AC max.     42 V       Current operating per contact max.     4 A       Installation   Connection     Mult x 1       Device protection   Electrical     Degree of protection (EN IEC 06029)     IPES, IPE7, IPES       Device protection (EN IEC 06029)     IPES, IPE7, IPES     IPEC.       Material housing     Nickeled     Material housing     Nickeled       Material housing     Nickeled     Image: Strandbage Nickeled     Image: Strandbage Nickeled       Material housing     Schraubgewinde     Image: Strandbage Nickeled     Image: Strandbage Nickeled       Mouting method     Schraubgewinde     Image: Strandbage Nickeled     Image: Strandbage Nickeled       Environmental characteristics   Climatic     Climatic     Strandbage Nickeled     Image: Strandbage Nickeled       Mouting method     Schraubgewinde     Image: Strandbage Nickeled     Image: Strandbage Nickeled     Image: Strandbage Nickeled       Mouting strandbage Informatic     -25 °C     Operating Image: Strandbage Nickeled     Image: Strandbage Nickeled       Type of Certificate     CuBus     Image: Strandbage Nickeled     Strandbage Nickeled     Image: Strandbage		
Operating voltage DC max.     4.2 V       Current operating per contact max.     4.A       Installation   Connection     Mounting set       Mounting set     M12 x 1       Device protection   Electrical     Device of protection   Electrical       Dagree of protection (Electrical data     Electrical data       Mechanical data   Mounting data     Mickeled       Munting method     Schraubgewinde       Depring temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature min.     25 °C       Operating temperature min.     25 °C       Cable identification     401       Standition   Coble     Eable identification       Type of Cartificate     cURus       Anount stranding     1       Stranding factor min.     80 °C       Stranding factor min.     80 mm       Asset tensition (Coble     1       Stranding factor min.     80 mm       Asset tensition (Stranding acombination counter-rotating twisted       Stranding factor min. (type 2)     18 wires around Stranding combination counter-rotating twisted       Stranding factor min. (type 2)     <		
Current operating per contact max.     4 A       Instillation   Connection     Maximum       Mounting set     M12 x 1       Device protection   Electrical     Degree of protection (Electrical       Casting housing     Nickeld       Material housing     Zinc die casting       Mechanical data   Maerial housing     Zinc die casting       Mechanical data   Mounting dets     Schraubgewinde       Environmental characteristics   Climatic     Coparating temperature min.       - 25° C     Operating temperature min.       - 25° C     Operating temperature max.       0 are distingtical protection interperature range     depending on cable quality       Installation   Cable     Cable identification       Jaket Cobr     gray       Type of Certificate     cURus       Amount stranding     1       Stranding 1     Stranding 1       Stranding Isctor max.     80 mm       Amount stranding (type 2)     1       Stranding Isctor max.     80 mm		42 V
Installation   Connection     M12 x 1       Device protection   Electrical     IPE6, IPE7, IPE8       Device protection (EN IEC 60529)     IPE6, IPE7, IPE8       Mechanical data   Metrial data     Canating nousing       Matorial housing     Nickelied       Matorial housing     Nickelied       Matorial housing     Canating Nickelied       Mechanical data   Mounting data     Eventorial data       Mounting method     Schraubgewinde       Environmential characteristics   Climatic     Operating temperature max.       Operating temperature max.     90 °C       Additional condition temperature may.     90 °C       Stranding lactor min.     401       Jackel Color     gray.       Type of Ceritficate     0.IPUs	Operating voltage DC max.	42 V
Mounting set     M12 x 1       Device protection   Electrical     Pest. P67, P68       Mechanical data   Material data     Nickoled       Cating housing     Nickoled       Material housing     Zinc die casting       Mechanical data   Mounting data     Schraubgewinde       Environmental characteristics   Climation     Schraubgewinde       Operating temperature min.     -25 °C       Operating temperature max.     90 °C       Additional continuo temperature range     depending on cable quality       Installation   Cable     Cable depending on cable quality       Installation   Cable     Cable depending on cable quality       Installation   Cable     QPR S       Cable depending temperature max.     90 °C       Additional continuo temperature range     depending on cable quality       Installation   Cable     Cable depending on cable quality       Installation   Cable     QPR S       Additional continuo temperature range     depending on cable quality       Installation   Cable     QPR S       Arrown stranding (table R     QPR S       Stranding factor min.     Bo mm       Stranding (type 2)	Current operating per contact max.	4 A
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65, IP67, IP68       Mechanical data   Material data     Caaling housing     Nickeled       Material housing     Zic die-caating     Mechanical data   Mounting data       Mechanical data   Mounting data     Schraubgewinde     Environmental characteristics   Climatic       Environmental characteristics   Climatic     25° C     Operating temperature max.     90°C       Additional condition temperature max.     90°C     Additional condition temperature max.     90°C       Additional condition temperature max.     90°C     Additional condition temperature max.     90°C       Cable identification     401     International Condition temperature max.     90°C       Cable identification     401     International Condition temperature max.     90°C       Type of Certificatio     CIPusia     International Condition temperature max.     90°C       Stranding Identification     401     International Condition temperature max.     90°C       Cable identification     401     International Condition temperature max.     90°C       Stranding Identification     401     International Condition max.     90°C	Installation   Connection	
Degree of protection (EN IEC 60529)     IP65, IP67, IP68       Mechanical data   Material data       Coating housing     Nickelod       Mechanical data   Mounting data     Conting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature max.     90 °C       Operating temperature main.     -25 °C     Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality     Install       Installation   Cable     Cable identification     401       Jacket Cofor     gray     Type of Corriticate     CURus       Amount stranding     1     Stranding Isdor min.     80 mm       Stranding Isdor min.     80 mm     Mount Stranding (type 2)     1       Stranding Ing type 2)     1     90 °C       Stranding (type 2)     120 mm     Stranding combination counter-rotating twisted       Stranding Isdor min. (type 2)     120 mm     Stranding isdor min. (type 2)     120 mm       Stranding factor min. (type 2)     120 mm     Stranding isdor min. (type 2)     120 mm       Cable shinding (type)     coopopr braid, tinned     Cable shinding (type)	Mounting set	M12 x 1
Degree of protection (EN IEC 60529)     IP65, IP67, IP68       Mechanical data   Material data       Coating housing     Nickelod       Mechanical data   Mounting data     Conting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature max.     90 °C       Operating temperature main.     -25 °C     Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality     Install       Installation   Cable     Cable identification     401       Jacket Cofor     gray     Type of Corriticate     CURus       Amount stranding     1     Stranding Isdor min.     80 mm       Stranding Isdor min.     80 mm     Mount Stranding (type 2)     1       Stranding Ing type 2)     1     90 °C       Stranding (type 2)     120 mm     Stranding combination counter-rotating twisted       Stranding Isdor min. (type 2)     120 mm     Stranding isdor min. (type 2)     120 mm       Stranding factor min. (type 2)     120 mm     Stranding isdor min. (type 2)     120 mm       Cable shinding (type)     coopopr braid, tinned     Cable shinding (type)	Device protection   Electrical	
Mechanical data [ Material data       Coating housing     Nickeled       Material housing     Zinc die-casting       Mechanical data [ Mounting method     Schraubgewinde       Environmental characteristics [ Climatic     Operating temperature min.     -25 °.0       Operating temperature min.     -25 °.0     Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality     Installation [ Cable       Cable identification     401     Jacket Colon     gray       Type of Certificate     cURus     Amount stranding     1       Stranding factor min.     80 mm     Stranding (type 2)     1       Stranding light 20 × 1     1     Stranding (type 2)     1       Stranding (type 2)     16 wites around Stranding combination counter-rotating twisted     Stranding (type 2)       Stranding light 20 × 1     1     Stranding (type 2)     10 mm       Cable shielding (type 2)     120 mm     Stranding (type 2)     120 mm       Cable shielding (type 2)     120 mm     Stranding (type 2)     120 mm       Cable shielding (type 2)     120 mm     Stranding (type 2) <td< td=""><td></td><td></td></td<>		
Coating housing     Nickeled       Material housing     Zinc die-casting       Mechnical data   Mounting data     Schraubgewinde       Mounting method     Schraubgewinde       Deperating temperature min.     -25 °C       Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality       Installation     401       Jackst Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding factor min.     80 mm       Stranding factor max.     80 mm       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     10 mm       Stranding (type 2)     10 mm       Stranding (type 2)     120 mm       Stranding factor max. (type 3)     5%       Banding     Fileece	· · · · ·	
Material housing     Zinc die-casting       Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic       Operating temperature min.     -25 ° C       Operating temperature max.     90 ° C       Additional condition temperature range     depending on cable quality       Installation   Cable	Mechanical data   Material data	
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     90 °C     Additional condition temperature max.     90 °C       Additional condition temperature max.     90 °C     Cable identification     401       Jacket Color     gray     Type of Certificate     CIPus       Arount stranding     1     Stranding factor min.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm       Arount stranding (type 2)     1     80 mm     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding factor max.     80 mm     Stranding factor max.     90 %		
Mounting method     Schraubgewinde       Environmental characteristics   Climatu     25 ° C       Operating temperature min.     -25 ° C       Operating temperature max.     90 ° C       Additional condition temperature range     depending on cable quality       Installation     Eable identification     401       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       Stranding factor max.     80 mm       Amount stranding (type 2)     1       Stranding factor max.     80 mm       Amount stranding (type 2)     1       Stranding factor max.     80 mm       Amount stranding (type 2)     1       Stranding factor max.     80 mm       Cable shielding (type 2)     10 mm       Stranding (type 2)     10 mm       Cable shielding (type 2)     10 mm       Cable shielding (type 2)     120 mm	Material housing	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     C       Cable identification     401       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     3 wires twisted       Stranding factor max.     80 mm       Anount stranding (type 2)     1       Stranding factor max.     80 mm       Anount stranding (type 2)     1       Stranding factor max.     80 mm       Anount stranding (type 2)     1       Stranding factor max.     80 mm       Stranding factor max.     80 mm       Stranding factor max.     90 %       Bate shielding (type 2)     120 mm       Stranding factor max.     90 %       Banding     Fleece       wire arrangement     (gray-pirk, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, gray, brown-green, yellow       Gable weighth	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     90 °C       Additional condition temperature mage     depending on cable quality       Installation   Cable     Cable identification       Cable identification     401       Jacket Color     gray       Type of Certificate     cuRus       Amount stranding     1       Stranding factor min.     80 mm       Amount stranding factor min.     80 mm       Anount stranding (type 2)     1       Stranding factor min. (type 2)     16 wires around Stranding combination counter-rotating twisted       Stranding factor min. (type 2)     120 mm       Gable shielding (type)     copper braid, timed       Cable shielding (type)     copper braid, timed       Gable shielding (type)     copper braid, timed       Gable shielding (type)     copper braid, timed       Gable weigth     237,6 g/m       Material jacket     PUR       Shore hardness jacket     94 ±	Mounting method	Schraubgewinde
Operating temperature min.     -25 °C       Operating temperature max.     90 °C       Additional condition temperature mage     depending on cable quality       Installation   Cable     Cable identification       Cable identification     401       Jacket Color     gray       Type of Certificate     cuRus       Amount stranding     1       Stranding factor min.     80 mm       Stranding factor min.     80 mm       Anount stranding (type 2)     1       Stranding factor min. (type 2)     16 wires around Stranding combination counter-rotating twisted       Stranding factor min. (type 2)     120 mm       Gable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Gable weigth     237,6 g/m       Material jacket     PUR       Shore hardness jacket     94 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadminum-free, CFC-free, halogen-free, silicone-free, LABS-free	-	
Operating temperature max.     90 °C       Additional condition temperature range     depending on cable quality       Installation   Cable     Cable identification     401       Jacket Color     gray     Type of Certificate     cURus       Amount stranding     1     Stranding     Stranding     stranding       Stranding factor min.     80 mm     Mmm     Stranding factor max.     80 mm       Amount stranding (type 2)     1     I     Stranding factor max.     80 mm       Stranding factor max.     80 mm     Stranding combination counter-rotating twisted     Stranding (type 2)     1       Stranding factor max.     80 mm     Gable shielding (type 2)     10 mm     Gable shielding (type 2)     120 mm       Stranding factor max. (type 2)     120 mm     Gable shielding (type 2)     120 mm     Gable shielding (type 2)     120 mm       Cable shielding (type)     copper braid, tinned     Gable shielding (type)     copper braid, tinned     Gable shielding (type)     Gable shielding (type		
Additional condition temperature range   depending on cable quality     Installation   Cable     Cable identification   401     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding factor min.   80 mm     Stranding factor max.   80 mm     Amount stranding (type 2)   1     Stranding factor max.   80 mm     Amount stranding (type 2)   1     Stranding factor max.   80 mm     Amount stranding (type 2)   1     Stranding factor max.   80 mm     Stranding (type 2)   1     Stranding (type 2)   10 mm     Stranding factor max. (type 2)   120 mm     Cable shielding (type)   copper braid, tinned     Cable shielding (type)   copper braid, tinned     Cable shielding (toverage)   80 %     Banding   Fieece     wire arrangement   (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green-white, green-yellow     Cable weigth   237.6 g/m     Material jacket   PUR     Shore hardness jacke		
Installation     Cable       Cable identification     401       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding factor min.     80 mm       Stranding factor max.     80 mm       Amount stranding (type 2)     1       Stranding factor min.     80 mm       Amount stranding (type 2)     1       Stranding factor max.     80 mm       Amount stranding (type 2)     120 mm       Stranding factor max.     80 mm       Stranding factor max.     120 mm       Cable shielding (type 2)     120 mm       Cable shielding (coverage)     80 %       Banding     Fleece       wire arrangement     (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green, red-blue, white), brown, blue, green-yellow       Cable weigth     237.6 g/m       Material jacket		
Cable identification401Jacket ColorgrayType of CartificatecURusAmount stranding1Stranding factor min.80 mmStranding factor max.80 mmAmount stranding (type 2)1Stranding factor min.10Stranding factor max.80 mmAmount stranding (type 2)1Stranding factor min.90 mmStranding factor max.80 mmAmount stranding (type 2)1Stranding factor max.90 mmStranding factor max.90 mmCable shielding (type 2)120 mmCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237.6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11.7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2.6 mmOuter diameter insulation2.6 mmOuter diameter insulation2.6 mm </td <td></td> <td>depending on cable quality</td>		depending on cable quality
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding3 wires twistedStranding factor min.80 mmStranding factor max.80 mmStranding factor max.80 mmStranding tope 2)1Stranding tope 2)16 wires around Stranding combination counter-rotating twistedStranding tope 2)16 wires around Stranding combination counter-rotating twistedStranding tactor max.80 mmStranding tactor min. (type 2)120 mmStranding tactor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11,7 mmTolerance outer diameter (sheatth)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter insulation2,6 mm	Installation   Cable	
Type of CertificatecURusAmount stranding1Stranding3 wires twistedStranding factor min.80 mmStranding factor max.80 mmAmount stranding (type 2)1Stranding factor min. (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor max.80 mmAmount stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor max. (type 2)120 mmStranding factor max. (type 2)120 mmCable shielding (tope)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellowCable weigth237.6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11.7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable identification	401
Amount stranding1Stranding3 wires twistedStranding factor min.80 mmStranding factor max.80 mmAmount stranding (type 2)1Stranding factor max.16 wires around Stranding combination counter-rotating twistedStranding factor max.120 mmStranding factor max.120 mmStranding factor max.120 mmStranding factor max.90 %Banding factor max.80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Amount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Jacket Color	gray
Stranding3 wires twistedStranding factor min.80 mmAmount stranding (type 2)1Amount stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor max.80 mmAmount stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)120 mmStranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237.6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11.7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter (sheath)± 5 %	Type of Certificate	cURus
Stranding factor min.80 mmStranding factor max.80 mmAmount stranding (type 2)1Stranding factor max.80 mmAmount stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)120 mmStranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Amount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Amount stranding	1
Stranding factor max.80 mmAmount stranding (type 2)1Stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)120 mmStranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation2,6 mmOuter diameter tolerance core insulation2,6 mm	Stranding	3 wires twisted
Amount stranding (type 2)1Stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)120 mmStranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11.7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %	Stranding factor min.	80 mm
Stranding (type 2)16 wires around Stranding combination counter-rotating twistedStranding factor min. (type 2)120 mmGable shielding (type)copper braid, tinnedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding factor max.	80 mm
Stranding factor min. (type 2)   120 mm     Stranding factor max. (type 2)   120 mm     Cable shielding (type)   copper braid, tinned     Cable shielding (coverage)   80 %     Banding   Fleece     wire arrangement   (gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellow     Cable weigth   237,6 g/m     Material jacket   PUR     Shore hardness jacket   94 ± 5 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free     Outer-diameter (jacket)   11,7 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   2,6 mm     Outer diameter tolerance core insulation   ± 5 %	Amount stranding (type 2)	1
Stranding factor max. (type 2)120 mmCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding (type 2)	16 wires around Stranding combination counter-rotating twisted
Cable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding factor min. (type 2)	120 mm
Cable shielding (coverage)80 %BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Stranding factor max. (type 2)	120 mm
BandingFleecewire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable shielding (type)	copper braid, tinned
wire arrangement(gray-pink, violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable shielding (coverage)	80 %
wite an angementyellow, green-white, green, red-blue, white), brown, blue, green-yellowCable weigth237,6 g/mMaterial jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Banding	Fleece
Material jacketPURShore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	wire arrangement	
Shore hardness jacket94 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Cable weigth	237,6 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-freeOuter-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Material jacket	PUR
Outer-diameter (jacket)11,7 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Shore hardness jacket	94 ± 5 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PP     Amount wires   3     Outer diameter insulation   2,6 mm     Outer diameter tolerance core insulation   ± 5 %	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Material wire insulation PP   Amount wires 3   Outer diameter insulation 2,6 mm   Outer diameter tolerance core insulation ± 5 %	Outer-diameter (jacket)	11,7 mm
Amount wires3Outer diameter insulation2,6 mmOuter diameter tolerance core insulation± 5 %	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation 2,6 mm   Outer diameter tolerance core insulation ± 5 %	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 %	Amount wires	3
	Outer diameter insulation	2,6 mm
	Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation55 ± 5 Shore D	Shore hardness wire insulation	55 ± 5 Shore D

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: 2024-05-10



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	96
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	
	0,75 mm <sup>2</sup>
Traversing distance (C-track)	1,8 m @ 25 °C   horizontal
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (Data)	PP
Outer diameter wire insulation (Data)	1,3 mm
Tolerance outer diameter wire insulation (data)	
Shore hardness wire insulation (Data)	55 ± 5 Shore D
Ingredient freeness wire insulation (Data)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (Data)	16
Amount strands wire (Data)	42
Diameter of single wires (Data)	0,1 mm
Conductor crosssection wire (Data)	0,34 mm <sup>2</sup>
Material conductor wire (Data)	Stranded copper wire, bare
Wire conductor type (Data)	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	12 A
Current load capacity min. Wire (Data)	4 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
Electrical resistance coating wire (Data)	53 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 00
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	0° 00
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	5 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	\$1
PIN 2	\$2
PIN 3	\$3
PIN 4	S 4

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-10



PIN 5

ΡE

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: 2024-05-10