

## PASSIVE-DI0° PLASTIC,6XM12.4POL,PRE-WIRED CABLE

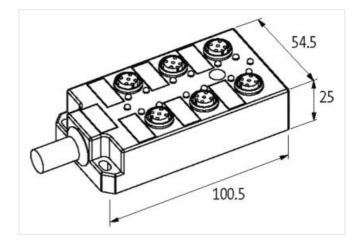
10.0m PUR-JB 6\*0,34+3\*0,75

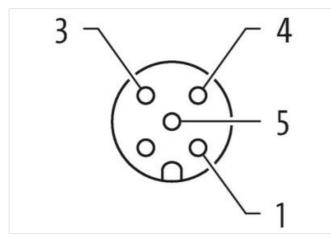
6-way, 4-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

## 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: 2024-08-29

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concerns full number6444890CIN M440887064281Packaging unit1Electrical data [SupplyConventing valeage DO24 VConventing valeage DO24 VConventing valeage DO24 VConventing valeage DO10Indicartual conventing and number DO10Device protection [Electrical10Device protection [Electrical20 °CConstraint functional data [Mounting entities number data screwed10Device protection [Clical20 °CConstraint functional data [Mounting entities number data screwed10Electrical constraint screwed20 °CConstraint functional data [Mounting entities number data screwed10Electrical constraint screwed20 °CConstraint functional data [Mounting entities number data screwed10Electrical constraint screwed20 °CCon	ETIM-5.0	EC002585
Packaging unit     1       Electrical data [Supply     Corrent goodings CO     24 V       Corrent goodings CO     1       Installation (Connection     Installation (Connection (EN IEC 605:9)       Moning sol     M12 x 1       Device protection [Exercital     Installation (EN IEC 605:9)       Addional condition protection depices     Installation (EN IEC 605:9)       Moning sol     Schraubgowinde       Height     10.6 Im       Moning sol     Schraubgowinde       Height     10.6 Im       Corrent goodings     Schraubgowinde       Height     10.6 Im       Contemport the characteristics [Cinnatic     Concomporteristics [Cinnatic       Operating temperature min.     -80 °C       Operating temperature min.     -80 °C       Operating temperature min.     -80 °C       Cable identification     -95 °C       Installation (Cable     Hybrid, Sgnal, Power       Lackel Color	customs tariff number	85444290
Electrical data   Soppiy       Operatiny voltage DG     24 V       Control operating per contait max.     10 A       Industrial communication     Industrial communication       Industrial communication     Industrial communication       Industrial communication     Industrial communication       Device protection (ENTEC 60528)     IP67       Additional condition protection degree     Inserted, sorewed       Mechanical data   Mounting data     Mounting method       Mechanical data   Mounting data     Mounting method       Mechanical data   Mounting data     SchraubGewinde       Height     100.05 mm       Wath     54,5 mn       Depring temperature min.     20 °G       Operating temperature min.     20 °G       Operating temperature min.     20 °G       Cable information     355       Cable information     355       Cable Color     Gray       Type of Cartificate     OFLos       Anord starding     1       Strandord Starding     9 weise around Core filter twisted       Cable dentification     55       Cable dentification <t< td=""><td>GTIN</td><td>4048879062831</td></t<>	GTIN	4048879062831
Operating voltage DC24 VCurrent operating per context max.4 ATotal surrent max.10 AIndustrial communication1Industrial communication1Basilation I ConnectionMale X 1Device protection I Electricat967Dagree of protection I protection spreasem on protection degreemerned. screwodMechanical data Mounting data1005 mmMounting methodSchraubgewindeHeight1005 mmWidth94 5 mmDepring to groeperation (Screwod90 °CEnvironmental characteristics (Cimatic90 °CCoperating to group action (Screwod90 °CInstallation (Screwod)355Cable Type2Function cable90 °CProtect ColorgrayType of Carlifold20 °CProtect ColorgrayType of Carlifold20 °CProtect ColorgrayProtect ColorgrayProtect ColorgrayProtect ColorgrayProtect Color90 °CColor Stranding1Stranding1Stranding1Stranding1Stranding1Stranding1Stranding1Stranding10 °CCable Stradition (Coverage)85 °C	Packaging unit	1
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Current operating per contact max.     10 A       Industrial communication     Industrial communication       Number of signals per port     1       Installation   Connection     Industrial communication       Mounting set     M12 x 1       Device protection   Electrical     Industrial communication       Additional condition protection degree     Inserted, sorwed       Machanical data   Mounting data     Mounting set       Machanical data   Mounting data     Sormal Degree       Machanical data   Mounting data     Sormal Degree       Machanical data   Mounting data     Sormal Degree       Degree     28 mm       Degree     28 mm       Dearing temperature min.     20 °G       Operating temperature min.     20 °G       Cable identification     355       Cable identification     355       Cable identification     355       Cable identification     9 vires around Core Iller twistod       Cable identification     9 vires around Core Iller twistod       Cable identification     9 vires around Core Iller twistod       Cable identification     9 vires around Core Iller twistod <tr< td=""><td>Operating voltage DC</td><td>24 V</td></tr<>	Operating voltage DC	24 V
Total current max.   10 A     Industrial communication   Industrial communication     Number of signals per port   1     Installation [Connection   Mol 2 x 1     Device protoction   Electrical   Device protoction (SN EC 6059)     Degree of protoction (SN EC 6059)   IP67     Additional condition protoction degree   inserted, screwed     Mechanical datal Mounting ethom   Schraubgewinde     Haight   100,5 mm     Width   54,5 mm     Depring tomperature min.   20 °C     Operating tomperature min.   20 °C     Operat		4 A
Number of signals par port     1       Installion   Connection     Multing adt     M12 x 1       Device protection   Electrical     Install, screwed     Multing adt     M12 x 1       Degree of protection (EN IEC 68529)     IP67     Additional condition protection degree     Install, screwed       Mechanical data   Munting data     Install, screwed     Install, screwed     Install, screwed       Mechanical data   Munting data     Schraubgewinde     Install, screwed     Install, screwed       Munting method     Schraubgewinde     Install, screwed     Install, screwed     Install, screwed       Depth     Schraubgewinde     Screwed     Install, screwed     Ins		10 A
Instaliation   Connection     Mult x 1       Device protection   Electrical     Image of protection (EM EC 60529)     IPE7       Additional condition protection degree     inserted, screwed     Image of protection (EM EC 60529)       Mechanical data   Mounting data     Image of protection degree     inserted, screwed       Mechanical data   Mounting data     Schraubgewinde     Image of protection degree     inserted, screwed       Mounting method     Schraubgewinde     Schraubgewinde     Image of protection (EM EC 6052)       Operating temperature max     80 °C     Schraubgewinde     Image of protection (EM EC 6052)       Operating temperature max.     80 °C     Schraubgewinde     Image of protection (EM EC 6052)       Cable identification     355     Schraubgewinde     Image of protection (EM EC 6052)     Schraubgewinde	Industrial communication	
Munting set     M12 x 1       Device protection   Electrical     IP67       Decision of protection (EN IEC 60589)     IP67       Additional condition protection degree     inserted, screwed       Munting method     Schraubgewinde       Height     100,5 mn       Wittin     54,5 mn       Depth     25 mn       Environmetal characteristics   Climat       Operating temperature min.     -20 °C       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installiction   Cable	Number of signals per port	1
Device protection (EN EC 60529)     IP67       Additional condition protection degree     inserted, screwed       Mechanical defa IMounting data     Mounting method     Schraubgewinde       Height     100.5 mm     Mounting method     Schraubgewinde       Height     100.5 mm     Mounting method     Schraubgewinde       Depth     25 mm     Environmental characteristics [Climatic       Operating temperature min.     -20 °C     Operating temperature max.     B0 °C       Installation [Cable     Schraubgewinde     Schraubgewinde     Schraubgewinde       Installation [Cable     B0 °C     Schraubgewinde     Schraubgewinde       Installation [Cable     B0 °C     Schraubgewinde     Schraubgewinde       Installation [Cable     B0 °C     Schraubgewinde     Schraubgewinde       Installation [Cable Type     2     Schraubgewinde     Schraubgewinde       Installation [Cable Type     2     Schraubgewinde     Schraubgewinde       Installation [Cable Type     2     Schraubgewinde     Schraubgewinde       Schraubgewind     14     Schraubgewinde     Schraubgewinde     Schraubgewinde	Installation   Connection	
Degree of protection (EN IEC 80529)     IP67       Addinan condition protection degree     inserted, screwed       Mechanical data   Mounting data     Schraubgewinde       Height     100,5 mm       Width     54,5 mn       Depth     25 mm       Environmental characteristics   Climatic     Operating temperature min.     20 °C       Installation   Cable     Cold     Cold       Cable definition     355     Cable definition       Cable definition     355     Cable definition       Josef Cold     gray     Cold       Type of Control     gray     Cold       Type of Colficate     cURus     Cable definition       Adding (type)     cooper braiding, bare     Cable shielding (type)       Cable shielding (type)     cooper braiding, bare     Cable shielding (coverage)       Bds with and protection of the control of	Mounting set	M12 x 1
Additional condition protection degree     inserted, screwed       Mounting method     Schraubgewinde       Height     100,5 mm       Width     54,5 mm       Depth     25 mm       Environmental characteristics [ Climatic     Concold       Operating temperature max.     80 °C       Installation   Cobic     Cold       Cable identification     355       Cable identification     10       Stranding     1       Stranding     9 wires around Core filler twisted       Cable shielding (rype)     copper braiding, bare       Cable shielding (coverage)     85 %       Filler     yes       wire arangement     white, green, yellow, gray, pink, red, green yellow, brown, blue       Cable wight     124.3 g/m       Material jacket     PUR       Store hardness jacket     97.2 5	Device protection   Electrical	
Additional condition protection degree     inserted, screwed       Mounting method     Schraubgewinde       Height     100,5 mm       With     54,5 mm       Dapth     25 mm       Environmental characteristics   Climatic     Operating temperature min.       Operating temperature max.     80 °C       Installation   Cable     Cable identification       Cable identification     355       Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Cartificatie     cURus       Amount stranding     1       Stranding     9 wires around Core filler twisted       Cable schedule (coverage)     85 %       Filier     yes       wire arangement     white, green, yellow, gray, pink, red, green-yellow, brown, blue       Cable wight     124,3 g/m       Material jackat     PUR       Shore hardness jacket     67 ± 5 \$%       Material jackat     PUR       Shore hardness jacket     67 ± 5 \$%       Material inver jackat     PVC       Color (more jacket)<	Degree of protection (EN IEC 60529)	IP67
Mechanical data   Mounting data       Mounting method     Schraubgewinde       Height     100.5 mm       Width     54.5 mm       Depth     25 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature min.     80 °C       Installation   Cable     Environmental deparature max.       Cable departition as 355     Cable departition as 355       Cable Installation   Cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     9 wires around Core filler twisted       Cable shelding (type)     copper braiding, bare       Cable shelding (coverage)     55 %       Filler     yes       wire arangement     white, green, yellow, gray, pink, red, green-yellow, brown, blue       Cable weight     124.3 g/m       Material jacket     PUR       Shore hardness jacket     67 ± 5 Shore A       Freedom from ingredients (glacket)     E45 %       Material jacket     PUR       Shore		inserted, screwed
Mounting method     Schraubgewinde       Height     100.5 mm       Width     54,5 mm       Depth     25 mm       Environmental characteristics   Climatic     Construct       Operating temperature min.     20 °C       Operating temperature max.     80 °C       Installation   Cobic     Cobic       Cable dentification     355       Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Colon     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     9 wires around Core tiller twisted       Cable shielding (toyee)     cooper braiding, bare       Cable shielding (toyee)     cooper braiding, bare       Cable shielding (toverage)     85 %       Filler     yes       wire arrangement     while, green, yellow, gray, pink, red, green, yellow, brown, blue       Cable weigth     124.3 g/m       Material packet     PUR       Shore hardness jacket     87 15 Shore A       Freedom from ingredients (gacket)     lead-free, cadmium-free, CFC-free, silicone-free		
Height   100,5 mm     Width   54,5 mm     Depth   25 mm     Environmental characteristics   Gimatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   Cable identification     Cable identification   355     Cable Infraction   1     Stranding   9 wires around Core filter twisted     Cable Infracting (type)   copper braiding, bare     Cable Infraction   this, green, yellow, gray, pink, red, green-yellow, brown, blue     Cable Infracting (type) </td <td></td> <td>Schrauhaowindo</td>		Schrauhaowindo
Widh   54,5 mm     Depth   25 mm     Environmental characteristics   Climatic   Construction     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   Environmental characteristics   Climatic     Cable departing temperature max.   80 °C     Installation   Cable   Use (Camperature max.)     Cable Type   2     Function cable   Hybrid. Signal, Power     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   9 wires around Core filler twisted     Cable shielding (type)   copper braiding, bare     Cable shielding (coverage)   85 %     Filler   yes     wire arrangement   white, green, yellow, gray, pink, red, green yellow, brown, blue     Cable weight   124.3 g/m     Material jacket   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   k.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Color (inner jacket)   gray     Material jacket   PV		
Depth   25 mm     Environmental characteristics   Climatic     Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   Cable identification     Cable identification   355     Cable Introduction   355     Cable Introduction   355     Cable Color   gray     Type of Cartificate   cuPute     Amount stranding   1     Stranding   9 wires around Core filler twisted     Cable shielding (type)   copper braiding, bare     Cable shielding (coverage)   85 %     Filler   yes     wire arangement   white, green, yellow, gray, pink, red, green-yellow, brown, blue     Cable weight   124.3 g/m     Material jackt   PUR     Shore hardness jacket   87 ± 5 Shore A     Freedom from ingredients (jacket)   8.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material incira incidation   PVC     Calor (ringr jacket)   6     Outer diameter insulation   1.3 mm     Outer diameter insulation   1.3 mm     Out		
Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     80 °C       Installation   Cable		
Operating temperature min.   -20 °C     Operating temperature max.   80 °C     Installation   Cable   2     Cable Type   2     Function cable   Hybrid, Signal, Power     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   9 wires around Core filler twisted     Cable shielding (type)   copper braiding, bare     Cable shielding (type)   copper braiding, bare     Cable weigth   124,3 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)   gray     Material inner jacket   PVC     Color (inner jacket)		
Operating temperature max.     80 °C       Installation   Cable     2       Cable identification     355       Cable Type     2       Function cable     Hybrid, Signal, Power       Jacket Color     gray       Type of Certificate     cURus       Amount stranding     1       Stranding     9 wires around Core filler twisted       Cable shielding (type)     copper braiding, bare       Cable shielding (coverage)     85 %       Filler     yes       writer arrangement     white, green, yellow, gray, pink, red, green-yellow, brown, blue       Cable weigth     124,3 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)     8,5 mm       Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     PVC       Color (inner jacket)     gray       Material inner jacket     PVC       Color (inner jacket)     gray       Material invire isoulation     1,3 mm		
Installation   CableCable identification355Cable Type2Function cableHybrid, Signal, PowerJacket ColorgrayType of CartificatecURusAmount stranding1Stranding9 wires around Core filler twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, green, yellow, gray, pink, red, green-yellow, brown, blueCable shielding (tacket)PURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)grayMaterial inner jacketPVCColor (inner jacket)grayMaterial wires solution1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation43 ± 5 Shore DMaterial wire insulation43 ± 5 Shore DArount wires6Outer diameter insulation43 ± 5 Shore DMaterial wire insulation43 ± 5 Shore DMaterial wire insulation43 ± 5 Shore D		
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Cable Type   2     Function cable   Hybrid, Signal, Power     Jacket Color   gray     Type of Certificate   cURus     Amount stranding   1     Stranding   9 wires around Core filler twisted     Cable shielding (type)   copper braiding, bare     Cable shielding (coverage)   85 %     Filler   yes     wire arrangement   white, green, yellow, gray, pink, red, green-yellow, brown, blue     Cable weigth   124,3 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)   8,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC     Color (inner jacket)   gray     Material inner jacket   PVC     Color (inner jacket)   1,3 mm     Outer diameter insulation   1,3 mm     Outer diameter insulation   43 ± 5 Shore D     Material wire insulation   43 ±	Installation   Cable	
Function cableHybrid, Signal, PowerJacket ColorgrayType of CertificatecURusAmount stranding1Stranding9 wires around Core filler twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, green, yellow, gray, pink, red, green-yellow, brown, blueCable shielding (coverage)87 ± 5 Shore AFreedom from ingredients (jacket)87 ± 5 Shore AFreedom from ingredients (jacket)8,5 mmColor (inner jacket)9K2Color (inner jacket)9K2Material wire insulation9VCColor (inner jacket)9rayMaterial wire insulation1,3 mmOuter diameter (blance core insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation43 ± 5 %Material properties wire insulation43 ± 5 %Material properties wire insulation43 ± 5 %Material properties wire insulation16 %Material properties wire insulation1,3 mmOuter diameter should on43 ± 5 Shore DMaterial properties wire insulation1ead-free, cadmium-free, CFC-free, silicone-freeMaterial properties wire insulation1/3 thereMaterial properties wire insulation1/3 thereMaterial properties wire insulation1/3 thereMaterial properties wire insulation1/3 there, cadmium-free, CFC-free, silicone-freeMaterial properties wire insulation1/2 shore D	Cable identification	355
Jacket ColorgrayType of CertificatecURusAmount stranding1Stranding9 wires around Core filler twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, green, yellow, gray, pink, red, green-yellow, brown, blueCable weigth124.3 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,5 mmTolerance outer diameter (sheath)± 5 %Material iner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulationis 5 %	Cable Type	2
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Amount stranding1Stranding9 wires around Core filler twistedCable shielding (type)copper braiding, bareCable shielding (coverage)85 %Filleryeswire arrangementwhite, green, yellow, gray, pink, red, green-yellow, brown, blueCable weigth124,3 g/mMaterial jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,5 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation1,3 mmOuter diameter insulation1,3 cmMaterial wire insulation1,3 cmMaterial wire insulation43 ± 5 Shore DMaterial properties wire insulation43 ± 5 Shore DMaterial properties wire insulationlead-free, cadmium-free, CFC-free, silicone-free	Jacket Color	
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Material jacketPURShore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,5 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation± 5 %Interference outer diameter tolerance core insulation± 5 %Interference outer 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-free		
Shore hardness jacket87 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)8,5 mmTolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation43 ± 5 Shore DMaterial properties wire insulationqood machinabilityIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, silicone-free		
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Outer-diameter (jacket)   8,5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   PVC     Color (inner jacket)   gray     Material wire insulation   PVC     Amount wires   6     Outer diameter tolerance core insulation   1,3 mm     Outer diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   43 ± 5 Shore D     Material properties wire insulation   lead-free, cadmium-free, CFC-free, silicone-free		
Tolerance outer diameter (sheath)± 5 %Material inner jacketPVCColor (inner jacket)grayMaterial wire insulationPVCAmount wires6Outer 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-free		
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Material wire insulation   PVC     Amount wires   6     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	-	PVC
Amount wires   6     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		
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Material properties wire insulation     good machinability       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, silicone-free		
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free		
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Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 wires (Power)	3
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
Current carrying capacity min. wire (Power)	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)	℃ 08
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
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	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	9
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	+
PIN 2	n.c.
PIN 3	-
PIN 4	NOS1
PIN 5	PE

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