

MVP POTTED, 8XM12, 5POLE, FIXED CABLE

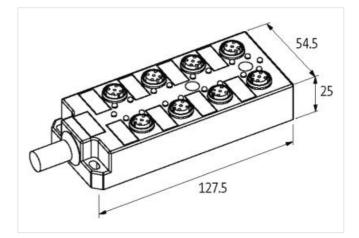
5.0m PUR-JB 16x0.5+3x1.0

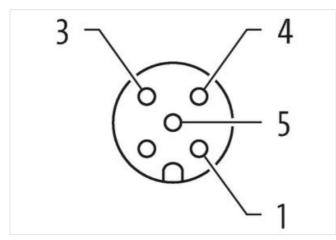
8-way, 5-pole PUR/PVC 5.0 m Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product









Product may differ from Image



Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-01



ECLASS-8.0	27279219
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879059398
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current max.	10 A
Industrial communication	
Number of signals per port	1
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Height	127,5 mm
Width	54,5 mm
Depth	25 mm
Environmental characteristics Climatic	
Environmental characteristics Climatic Operating temperature min.	-20 °C
	-20 °C 60 °C
Operating temperature min.	
Operating temperature min. Operating temperature max. Installation Cable	60 °C
Operating temperature min. Operating temperature max. Installation Cable Cable identification	60 °C 362
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type	60 °C 362 2
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color	60 °C 362 2 gray
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate	60 °C 362 2 gray cURus
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket	60 °C 362 2 gray
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding	60 °C 362 2 gray cURus Hybrid, Signal, Power 1
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding	60 °C 362 2 gray cURus Hybrid, Signal, Power
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Itype Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2)	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2)	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Filler	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Zable identification Cable Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	60 °C 362 2 gray CURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 %
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray
Operating temperature min. Operating temperature max. Installation Cable Cable identification Cable Type Jacket Color Type of Certificate STOOW style jacket Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	60 °C 362 2 gray cURus Hybrid, Signal, Power 1 2 wires with Filler twisted 1 9 wires around Stranding combination twisted yes white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow) 115,5 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 8,1 mm ± 5 % PVC gray PVC

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Shoe hardwas wire modulion 49.1 5 Shore D Meetand poperine wire insulation paid methinsbilly Instruct strands (wine) 10 Damker of single wires 0.15 mm Conductor crossection (wine) 0.34 mm? Mineral consults of wires Strand doct coper wire, bare Conductor crossection (wine) Strand class 5 Mineral consults of wires Strand class 5 Mineral wire insulation (Power) 18 mm Totartanc out of wires insulation (Power) 15 % Shoe hardwas wire insulation (Power) 15 % Shoe hardwas wire insulation (Power) 424 55 oron D Meetand upportieve insulation (Power) 244 fee, catinium two, CPC two, sillcone free Amount strands wire insulation (Power) 24 fee, Catinium two, CPC strands Meetand aportieve stee insulation (Power) 38 mode dopper wire, bare Conductor type wire (Power) Strand doap 5 Travel strand Strands wire insulation (Power) Strand doap 5 Travel strand Strands wire insulation (Power) Strand doap 5 Travel strands wire insulation (Power) Strand doap 5 Travel strand Strands wire insulation (Power) Strand	Outer diameter tolerance core insulation	±5%
Ingredient Themesis wire insulation Iead-free, capmum-free, CPC-free, silicone-free Amount strands (wire) 19 Demaner of angle wires 0.15 mm Conductor creasescion (wire) 0.34 mm ² Metrail condicator researcestion (wire) Strand decoper wire, bare Conductor type (wire) Brand class 5 Metrail condicator (Power) 1.6 mm Tolerance outer wire insulation (Power) 1.6 mm Tolerance outer wire insulation (Power) 1.6 mm Tolerance outer wire insulation (Power) 1.6 mm Tolerance outer (Power) 1.8 mm Tolerance outer (Power) 2.6 % Strare hardness wire insulation (Power) 1.8 mm Tolerance outer (Power) 2.0 mm/translity Ingredient (Power) 2.0 mm/translity Meteral condicator (Power) 2.0 mm Wire conductor cons stection (Power) 3.7 mm ² Treewire goods (P trans) 5 md class 5 Treewire goods (P trans)	Shore hardness wire insulation	43 ± 5 Shore D
Around transfe (vire) 19 Diamotor of single virus 0.15 mm Octochoid crosses (m/viru) 0.34 mm ⁴ Material conductor view Stranded copper vire, bare Conductor (prove) Stranded copper vire, bare Outrof diameter vire insulation PNV Outr diameter vire insulation 1.5 m Telerance oxier diameter vire insulation 1.5 % Store hardness wire insulation (Power) 45.5 Shore D Material properties wire insulation (Power) 60 mm Prove on diameter vire insulation (Power) 24 Diameter of single vire insulation (Power) 24 Diameter of single vire insulation (Power) 24 Diameter of single vires (Power) 24 mm Conductor type wire insulation (Power) 24 mm Diameter of single vires (Power) 25 mm² Meterial conductor vires (Power) 25 mm² Travei speed (Cratak) 9 m@ 25 °C Travei speed (Cratak) 3 m@ 25 °C Travei speed (Cratak) 30 V Kar: rade vohage (conductor - conductor) 300 V Current (and capaporty (standated) 10 N	Material properties wire insulation	good machinability
Damaber of single writes 0,15 mm Conductor creasesedion (wine) 0,34 mm ² Material conductor view Strand class 5 Conductor type (wine) PVC Atterial wine insulation (Power) 1,8 mm Taleraco cutor diameter wine insulation (Power) 1,8 mm Taleraco cutor diameter wine insulation (Power) 4,8 S Shore D Metarial programme wine insulation (Power) 48 S Shore D Metarial programme wine insulation (Power) 48 S Shore D Metarial programme wine insulation (Power) 48 S Shore D Metarial programme wine (Power) 24 Diameter of single wine (Power) 24 Diameter of single wine (Power) 0.2 mm Wite conductor cross section (Power) 5 mm diases 5 Traversing distance (C-track) 5 mg 25 °C Traversing distance (C-track) 5 mg 25 °C Traversing distance (C-track) 5 mg 25 °C Traversing distance (C-track) 3 OV Current load capacity inin, wiro 4 A Current load capacity inin, wiro 4 A Electrical resistance line constart wire BOW 20 °C Current load capacit	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Candiactor oxessection (wire) 0.34 mm ⁴ Material conductor wire Strandde coppor wire, bare Conductor (wire) Strand datas 5 Conductor (wire) PVC Conductor (wire) PVC Conductor (wire) PVC Conductor (wire) 1.6 mm Telerance outer diameter wire insulation (Power) 42.5 Shore D Material properties wire insulation (Power) 90.00 motionability Impredent Teleneses wire insulation (Power) 24.4 Damater of single wire (Power) 24.7 Damater of single wire (Power) 0.7 mm ⁴ Material conductor wire (Power) 0.75 mm ⁴ Trave speed (C-track) 9 m@ 25 °C Travel speed (C-track) 9 0.00 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (wire - wire) 2 fV Qe 0.0 s	Amount strands (wire)	19
Material accorduator wire Stranded copper wire, bare Conductor type (wine) Strand class 5 Material wire insulation (Power) 1,8 mm Tolerance uitre function (Power) 1,8 mm Tolerance uitre function (Power) 455 Shore D Material vire insulation (Power) 455 Shore D Material properties wire insulation (Power) 845 Shore D Material properties wire insulation (Power) 824 mm Material properties wire insulation (Power) 81 and class 5 Material conductor wire (Power) Stranded copper wire, bare Conductor vige Newr) Stranded copper wire, bare <	Diameter of single wires	0,15 mm
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) 43:5 Shore D Material properties wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 90 of machinability Imgredient freemess wire insulation (Power) 92.4 Danater of single wires (Power) 0.2 mm Wire conductor regimes section (Power) 55 md* Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 5 m @ 25 °C Current back capacity (standard) to DIN VDE 0284-4 Current back ca	Conductor crosssection (wire)	0,34 mm ²
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.8 mm Toterano sould diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 62 mm Material proprieta wire (Power) 62 Amm Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ² Diameter of single wires (Power) Shared capper wire, bare Conductor wire Power) Shared capper wire, bare Conductor wire (Power) Shared capper wire, bare Conductor wire (Power) Shared capper wire, bare Conductor cross section (Power) Shared capper wire, bare Conductor cross section (Power) Share (Power) Max rated voltage (conductor - ground) 30 V Current bad cappacity (sharder) to DIN VDE 028-4 Current bad cappacity (sharder) 50 DAm (@ 20 °C Constructor wire, wire \$2 AW @ 60 s Log restistance 50 DAm (@	Material conductor wire	Stranded copper wire, bare
Outer diameter wire insulation (Power) 1,8 mm Toterance outer diameter wire insulation (Power) 1,5 % Shore hardness wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 0 add machinability Impredient (Fomeriass wire insulation (Power) 14:4 Shore D Amount stands wire (Power) 24 Dimeter of sing wires (Power) 0,75 mm² Material conductor wire (Power) Strande copper wire, bare Conductor type wire (Power) Strande copper wire, bare Conductor type wire (Power) Strande copper wire, bare Traver signed (Chrack) 5 m @ 25 °C Traver signed (Chrack) 3 Max. rated voltage (conductor - conductor) 300 V Current load capacity (simulard) 10 DIN VDE 0288-4 Current load capacity min. wire 4 A Electrical resistance lone constant wire 5 0 Xhm @20 °C	Conductor type (wire)	Strand class 5
Tolesaroe auder diameter wire insulation (Powar) 15 % Shore hardness wire insulation (Power) 900 machinability Ingredient treamess wire insulation (Power) 900 machinability Ingredient treamess wire insulation (Power) 924 Dameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ⁴ Material conductor wire (Power) 0.75 mm ⁴ Material conductor wire (Power) Strand closs 5 Travering distance (C-track) 5 m @ 25 °C Travering distance (C-track) 5 @ 25 °C Travering distance (C-track) 3 Max. rated voltage (conductor - oronaucto) 300 V Max. rated voltage (conductor - oronaucto) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance load constant wire 57 Ω/m @ 20 °C Ac withstand voltage (wire-wire) 2 kV @ 60 s Power frequency withstand voltage (wire-wire) 2 kV @ 60 s Conguestry min. wire 5 °C Conguestry withstand voltage (yranduct) 5°C Conscience 7.8 A	Material wire insulation (Power)	PVC
(Power) 45 % Shore harchess wire insulation (Power) 43±5 Shore D Material propertave wire insulation (Power) lead-free, cadmium-free, CFC-free, silicone-free Amount strands wire (Power) 24 Diameter of single wires (Power) 0.75 mm² Material andulation wire (Power) Stranded copper wire, bare Oraductor yore (Power) Stranded copper wire, bare Conductor yore (Power) Stranded copper wire, bare Traver speed (C-track) 5 m @ 25 °C Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 900 V Current lead capacity (standard) bDIN VDE 0298-4 Current lead capacity	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Ingredient freeness wire insulation (Power) lead free. cadinium free. CPC-free, silicone free Amount strands wire (Power) 0,2 mm Diameter of single wires (Power) 0,75 mm ² Material conductor view (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Traversing elector (Crack) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (strandard) to DN VDE 0298-4 Current load capacity (wire, wire) 2 k/W @ 60 s Power frequency withstand voltage (wire - wire) 2 k/W @ 60 s Power frequency withstand voltage (wire - wire) 2 k/W @ 60 s		±5 %
Ingredient freeness wire insulation (Power) Tead-free, cadmium-free, CFC-free, allicone-free Amount strands wire (Power) 24 Diameter of sing wires (Power) 0,2 mm Wire conductor cross saction (Power) Stranded copper wire, bare Consultary wire (Power) Stranded copper wire, bare Consultary rev (Power) Stranded copper wire, bare Consultary rev (Power) Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DI N VDE 0286-4 Current load capacity (standard) to DI N VDE 0286-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Dkm @ 20 °C Ac withstand voltage (wire - wire) 26 Dkm @ 20 °C Ac withstand voltage (wire - wire) 2 DkM @ 20 °C Ac withstand voltage (wire - wire) 2 Dk W @ 60 s Power frequency withstand voltage (wire - wire) 2 Dk W @ 60 s Coperating temperature (static) -30 °C Max. oparating (premperature (max. (dynamic)) -5 °C	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24 Diameter of single wires (Power) 0.2 mm Wire concluctor coss section (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Traversing distance (C-track) 2 MIo. @ 25 °C Traversing distance (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Current load capacity (fint and and) to IN VDE 0298-4 Current load capacity (fint wire) 2 K/W @ 60 s Electrical resistance constant wire 57 D/km @ 20 °C Code track 7.8 A Min. operating temperature (fixed) 30 °C Operating temperature (fixed) 5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C Travel speed (C track) 3 Max. rated voltage (conductor- conductor) 300 V Max. rated voltage (conductor- conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0290 °C Ac withstand voltage (wire - wire) 2 & LV @ 60 s Power frequency withstand voltage (wire - wire) 2 & LV @ 60 s Loop resistance 7.8 A Max. operating temperature (statc) -30 °C Max operating temperature (stat	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power) 0,75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0289-4 Current load capacity (standard) to XW @ 60 s Power frequency (standar voltage (wire - size (standare)) 2 kV @ 60 s Doper sting temperature (static) -30 °C	Amount strands wire (Power)	24
Material conductor wire (Power) Strand class 5 Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3 Max, rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN m@ 20 °C Bower frequency (standard) to XV@ @ 60 s Coperating temperature (staltc) -30 °C Operating t	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power) Strand class 5 Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 Mio. @ 25 °C Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Current load capacity (stin dard) to DIN VDE 0298.4 Current load capacity (stin dard) to DIN VDE 0298.4 Current load capacity (stin dard) to DIN VDE 0298.4 Current load capacity (stin dard) to DIN VDE 0298.4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 0.km @ 20 °C AC withstand voltage (wire -vire) 2 kV @ 60 s Loop resistance 7.8 A Min. operating temperature (statc) -30 °C Aox. operating temperature (statc) -30 °C Operating temperature (statc) -70 °C Operating temperature min. (dynamic) 70 °C Flame resistance Cut 1581 § 190 J IEC 60332-2-2 J UL 1581 § 1100 FT2 Operating temperature min. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good	Wire conductor cross section (Power)	0,75 mm ²
Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 2 Mio. @ 25 °C Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 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 Loop resistance 7,8 A Min. operating temperature (stalic) -30 °C Max. operating temperature (stalic) -30 °C Oparating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flamar resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing DIN EN 60811-404 Ben	Material conductor wire (Power)	Stranded copper wire, bare
Travel speed (C-track) 2 Mio. @ 25 °C Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Gurrent load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (win. wire) 4 A Electrical resistance conting wire (Power) 26 Dkm @ 20 °C Electrical resistance conting wire (Power) 2 kV @ 60 s Coverstance 7.8 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 70 °C Flame resistance UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing Din volter diameter Fandius (fixed) <	Conductor type wire (Power)	Strand class 5
Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to C Power frequency withstand voltage (wire - rate of 0.8 standard) Power frequency withstand voltage (wire - 30 °C -30 °C Operating temperature (fixed) 80 °C Operating tem	Traversing distance (C-track)	5 m @ 25 °C
Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIV VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance ine 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 - ack wire) 2 kV @ 60 s Loop resistance 7.8 A Min. operating temperature (static) -30 °C Max. cated voltage (conductor - conductor) 80 °C Operating temperature (fixed) 80 °C Operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Gasoline resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Io x Outer diameter Bending radius (fixed) 5 x Outer diameter <tr< td=""><td>Travel speed (C-track)</td><td>2 Mio. @ 25 °C</td></tr<>	Travel speed (C-track)	2 Mio. @ 25 °C
Max. rated voltage (conductor - ground) 300 V Current Load capacity (standard) to DIN VDE 0298-4 Current Load capacity min. wire 4 A Electrical resistance line constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Power) 26 Ωkm @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iacket) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature (static) -5 °C Operating temperature (static) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gazoline 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 Connection type 2 19 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Cooling A <td>Travel speed (C-track)</td> <td>3</td>	Travel speed (C-track)	3
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance ine constant wire 57 D/km @ 20 °C AC withstand voltage (wire - vire) 2 & W @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C Min. operating temperature (static) -30 °C Max. operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Construction form <	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Q/km @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s AC withstand voltage (wire - ''') 2 kV @ 60 s power frequency withstand voltage (wire - '') 2 kV @ 60 s loop resistance 7.8 A Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1000 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Connection type 2 Fee cable end No. of poles 19 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	Max. rated voltage (conductor - ground)	300 V
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 Loop resistance 7,8 A Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (ixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature (ixed) 80 °C Operating temperature (ixed) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end No. of poles 19 Family construction form M12 Gender temale Color contact carrier black Coding 4<	Current load capacity (standard)	to DIN VDE 0298-4
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Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Loop resistance 7.8 A 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 UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oll resistance Good, application-related testing Oll resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Eonnection type 2	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
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Operating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDi resistanceGood, application-related testingDi resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5FIN 1+	Max. operating temperature (fixed)	80 °C
Flame resistanceUL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5FIN 1+	Operating temperature min. (dynamic)	-5 °C
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackColor contact carrierblackNo. of poles5PIN 1+	Operating temperature max. (dynamic)	70 °C
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Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form 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	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)10 x Outer diameterConnection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	Oil resistance	Good, application-related testing DIN EN 60811-404
Connection type 2Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	Bending radius (fixed)	5 x Outer diameter
Family construction formfree cable endNo. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	Bending radius (dynamic)	10 x Outer diameter
No. of poles19Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	Connection type 2	
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+	Family construction form	free cable end
Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 +	No. of poles	19
Color contact carrier black Coding A No. of poles 5 PIN 1 +	Family construction form	M12
Coding A No. of poles 5 PIN 1 +	Gender	female
No. of poles 5 PIN 1 +	Color contact carrier	black
PIN 1 +	Coding	A
	No. of poles	5
PIN 2 NC S 2	PIN 1	+
	PIN 2	NC S 2

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PIN 3	-
PIN 4	NO S 1
PIN 5	PE

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