

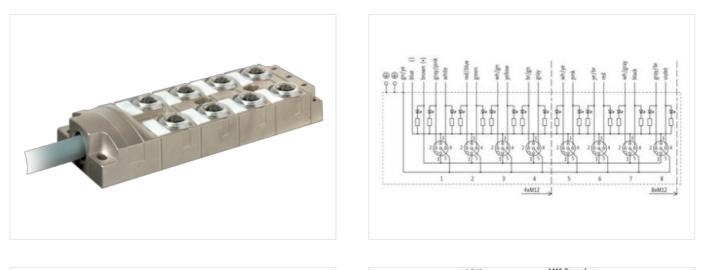
MVP-METALL, 8XM12, 5POLE, PRE-WIRED CABLE

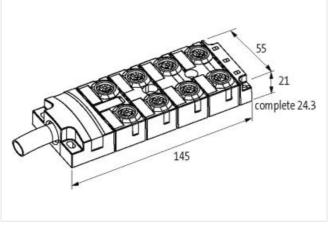
3.0m PUR 16x0,5+3x1,0, UL/CSA

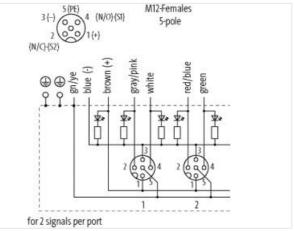
8-way, 5-pole 3.0 m with LED for digital PNP-signals 24 V DC Replaces identical product (Art.No. 27491) Further cable lengths on request.

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	

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ECLASS-10.1	27440108
ECLASS-10.1	27440108
ECLASS-11.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879351911
Packaging unit	1
	•
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68
Mechanical data Material data	, -,
Coating housing	Nickeled
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	
Cable identification	452
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires counter-rotating twisted
Banding	Fleece
Filler	yes
wire arrangement	gray-pink, brown-green, yellow, green-white, green, red-blue, white, (brown-gray, black, gray-white, red, brown- yellow, pink, yellow-white, gray, blue, brown, green-yellow, violet)
Cable weigth	231 g/m
Material jacket	PUR
Shore hardness jacket	94 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Outer-diameter (jacket)	11,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	16
Outer diameter insulation	1,6 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Traversing distance (C-track)	5 m @ 25 °C
Amount strands (wire)	64
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
mation in this Product-PDF has been compiled with the	

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Material wire insulation (Data) TPE E Outer diameter wire insulation (Data) 2.1 mm Tolerance outer diameter wire insulation (Data) 55.5 Store D Shore handness wire insulation (Data) 55.5 Store D Impredient Termesswere insulation (Data) 55.5 Store D Amount wires (Data) 128 Dameter of single wires (Data) 0.1 mm Conductor crossesterion wire (Data) 1 mm ² Material conductor wire (Data) 1 mm ² Material conductor wire (Data) 1 mm ² Material conductor wire (Data) 1 mm ² Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - comductor) 300 V Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (strandard) <th>Conductor type (wire)</th> <th>strand class 6</th>	Conductor type (wire)	strand class 6
Tolerance outer diameter wire insulation (tala) 1 5 % Shore hardness wire insulation (Data) 5 5 5 Shore D Imgredient fleeness wire insulation (Data) 1 28 Diameter of single wires (Data) 1 28 Diameter of single wires (Data) 0,1 mm Conductor crossection wire (Data) 1 mm ² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rada voltage (conductor "conductor) 300 V Current load capacity min. wire 5 9.4 A Current load capacity min. wire (Data) 15 A Electrical resistance lace constant wire 5 9.0 Km @ 20 °C Ac wirtshard woltage (wire- sack) 21 W @ 60 s Min. operafing temperature (was) 90 °C Operating temperature (was) 90 °C Operating temperature (was) 90 °C		TPE-E
Shore hardness wire insulation (Data) S5 ± 5 Shore D Ingredient freeness wie insulation (Data) Iead-free, halogen-free, silicone-free, LABS-free Amount wins (Data) 3 Amount wins (Data) 0,1 mm Conduction crossection wing (Data) 128 Diameter of angle wines (Data) 0,1 mm Conductor crossection wing (Data) Stranded copport wine, bare Wire conductor free conductor) 300 V Max, rated voltage (conductor - ground) 300 V Max, rated voltage (conductor - ground) 300 V Current load capacity (standard) 150 IN VEE 0288-4 Current load capacity min. wire 5.9 A Current load capacity min. wire 5.9 A Current load capacity min. wire 20 Ahm @ 20 °C Current load capacity min. wire 20 Ahm @ 20 °C Current load capacity min. wire 21 K/ @ 60 s Power frequeny withstand voltage (wire - wire) 2 K/ @ 60 s Min. operating temperature max. (groanic) 90 °C Operating temperature max. (groanic) 90 °C Power frequeny withstand voltage (wire - wire) 20 K/ @ 60 s Max. capacity exploration-r		2,1 mm
Ingredient freeness wire insulation (Data) lead free, halogen free, silcone free, LABS free Amount wires (Data) 3 Amount wires (Data) 128 Dameter of single wires (Data) 0,1 mm Canductor wire (Data) 1 mm ³ Material conductor wire (Data) Stranded copper wire, bare Wire conductor wire (Data) strand class 6 Max, rated voltage (conductor - oround) 300 V Max, rated voltage (conductor - oround) 300 V Current load capacity min. wire 5,9 A Current load capacity min. wire 5,0 A Current load capacity min. wire 5,0 A Current load capacity min. wire 20 O/m	Tolerance outer diameter wire insulation (data)	±5%
Anount wires (Data) 3 Anount wires (Data) 128 Diamater of sing wires (Data) 0,1 mm Conductor crossection wire (Data) 1 mm ² Material conductor wire (Data) Strand dess 6 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0296-4 Current load capacity (standard) to DAIN @ 00 °C Electrical resistance	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data) 128 Diameter of single wires (Data) 0.1 mm Conductor rossections wire (Data) Stranded copper wire, bare Material conductor viee (Data) strand class 6 Max, rated voltage (conductor - conductor) 300 V Max, rated voltage (conductor - ground) 300 V Current load capacity (strandard) to DIN VDE 0298 4 Current load capacity (strandard) to DIN VDE 0298 4 Current load capacity (strandard) 15 A Electrical resistance line constant wire 5.9 A Current load capacity (strandard) 15 A Electrical resistance coating wire (Data) 26 Mcm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - grave @ 60 s 2 kV @ 60 s Min. operating temperature (static) -40 °C Operating temperature (static) -20 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) -20 °C Operating temperature (static) -40 °C Baca condition temperature (static) -20 °C Operating temperature (static) -20 °C	Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Diameter of aingle wires (Data) 0,1 mm Conductor crossection wire (Data) 1 mm* Marcinal conductor wire (Data) strand closes 6 Max, rada voltage (conductor - orgunof) 300 V Max, rada voltage (conductor - orgunof) 300 V Current load capacity finit, wire 5.9.A Current load capacity finit, wire 5.9.A Current load capacity finit, wire 0.9 C/C AC withstand voltage (wire / Ubat) 15 A Electrical resistance constant wire 39 Q/Km @ 20 °C AC withstand voltage (wire - ubat) 20 V/W @ 60 s Power frequency withstand voltage (wire - ubat) 2 k/W @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Fame resistance UL 1581 § 1000 FC Operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Fame resistance UL 1581 § 1000 FC Coperating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature max. (dynamic) -20 °C Op	Amount wires (Data)	
Conductor crosssection wire (Data) 1 mm* Material conductor wire (Data) Stranded copper wire, bare Wire conductor yipe (Data) stranded class 6 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity strander) to DI NUDE 0298-4 Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance coating wire (Data) 20 DIkm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequeny withstand voltage (wire - jacket) 2 kV @ 60 s Max. operating temperature (stratic) 90 °C Operating temperature max. (dynamic) 20 °C Operating temperature (stratic) 40 °C Max. operating temperature (stratic) 90 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Otier diameter Gaod. appli	Amount strands wire (Data)	128
Material conductor wire (Data) Stranded copper wire, bare Wire conductor /vpc (Data) strand class 6 Max, rated voltage (conductor - conductor) 300 V Gurrent load capacity (strandard) to DIN VDE Cos96-4 Current load capacity (strandard) 20 DAM @ 20 °C Electrical resistance (costing wire (Data) 20 DAM @ 20 °C AC withstand voltage (wire - 2 kV @ 60 s Power frequency withstand voltage (wire - 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Gasoline resistance Good, application-related testing Coll resistance Good, application-related testing Coll resistance Good, application-related testing Bending radius (strandard) x Outer di	Diameter of single wires (Data)	0,1 mm
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 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance ine constant wire 39 Q/km @ 20 °C Carrent load capacity min. Wire (Data) 2 kV @ 60 s Power frequency withstard voltage (wire - jacket) 2 kV @ 60 s Power frequency withstard voltage (wire - jacket) 4 0 °C Min. oparating temperature (tate) 40 °C Max. aperating temperature (tate) 90 °C Operating temperature min. (dynamic) 90 °C Consenting temperature (tixed) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gascline resistance Good, application-related testing <td>Conductor crosssection wire (Data)</td> <td>1 mm²</td>	Conductor crosssection wire (Data)	1 mm ²
Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - orgound) 300 V Current load capacity min. wire 5.9 A Current load capacity min. wire 5.9 A Current load capacity min. wire 39 Q/km @ 20 °C Electrical resistance coating wire (Data) 20 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iscket) 2 kV @ 60 s Power frequency withstand voltage (wire - iscket) 40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Coperating temperature (static) 90 °C Operating temperature (static) 90 °C Operating temperature min. (dynamic) -20 °C Cortentiot resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (fortatil action form free cable end No. o	Material conductor wire (Data)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Current load capacity (sindard) to DIN VDE 0298-4 Current load capacity min. wire 5,9 A Current load capacity min. wire (Data) 15 A Electrical resistance inc constant wire 39 O/km @ 20 °C AC withstand voltage (wire · wire) 2 kV @ 60 s Power frequency withstand voltage (wire · lacka) 2 kV @ 60 s Nin. operating temperature (static) -40 °C Max. operating temperature (static) -20 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Old resistance Good, application-related testing Old resistance Good, application-related testing Old resistance Good, application-related testing Old resistance Good, applic	Wire conductor type (Data)	strand class 6
Max. rated voltage (conductor - ground) 300 V Current load capacity (sindard) to DIN VDE 0298-4 Current load capacity min. wire 5,9 A Current load capacity min. wire (Data) 15 A Electrical resistance inc constant wire 39 O/km @ 20 °C AC withstand voltage (wire · wire) 2 kV @ 60 s Power frequency withstand voltage (wire · lacka) 2 kV @ 60 s Nin. operating temperature (static) -40 °C Max. operating temperature (static) -20 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Old resistance Good, application-related testing Old resistance Good, application-related testing Old resistance Good, application-related testing Old resistance Good, applic	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. Wire 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance contage wire (Data) 20 Ckm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature (static) -40 °C Operating temperature (static) -40 °C Deparating temperature (static) -90 °C Operating temperature (static) -90 °C Commodia temperature (static) -90 °C Comparison temperature (static) -90 °C Flame resistance Good, application-related testing Good, application-related testing 010 Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diame		300 V
Current load capacity min. Wire (Data) 15 A Electrical resistance ine constant wire 39 Q.Km @ 20 °C Electrical resistance coating wire (Data) 20 Q.Km @ 20 °C AC withstand voltage (wire - wire) 2 KV @ 60 s Power frequency withstand voltage (wire - wire) 2 KV @ 60 s Min. operating temperature (statlc) 40 °C Max. operating temperature (statlc) 40 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Tarvel speed (C-track) 5 Mio. @ 25 °C Concetton type 2 Family construction form Family construction form M12 Gender female Color contact carrier black Coord 5 PIN 1 + PIN 2 NC S 2	Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. Wire (Data) 15 A Electrical resistance ine constant wire 39 Q.Km @ 20 °C Electrical resistance coating wire (Data) 20 Q.Km @ 20 °C AC withstand voltage (wire - wire) 2 KV @ 60 s Power frequency withstand voltage (wire - wire) 2 KV @ 60 s Min. operating temperature (statlc) 40 °C Max. operating temperature (statlc) 40 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Tarvel speed (C-track) 5 Mio. @ 25 °C Concetton type 2 Family construction form Family construction form M12 Gender female Color contact carrier black Coord 5 PIN 1 + PIN 2 NC S 2	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data) 20 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) -40 °C Max. operating temperature (ixed) 90 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing IDI NEN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 16 Family construction form M12 Geder female Color contact carrier black Coding A <td></td> <td>15 A</td>		15 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jackel) 2 kV @ 60 s Min: operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2:2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) x Outer diameter Bending radius (softmamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 16 Famile Gooding Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 4	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Min. operating temperature (tstalic) -40 °C Max. operating temperature (tixed) 90 °C Operating temperature (tixed) 90 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixtallation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (fixtallation) x Outer diameter Bending radius (fixtallation) 10 x Outer diameter Bending radius (fixtallation) 8 x Outer diameter Bending radius (fixtallation) 10 x Outer diameter Bending radius (fixtallation) 8 x Outer diameter Bending radius (fixtallation) 8 x Outer di	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
jacket)Z kV @ b0 sMin. operating temperature (static)40 °CMax. operating temperature (fixed)90 °COperating temperature (incomposition min. (dynamic))-20 °COperating temperature min. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (kited)8 x Outer diameterTravel speed (C-track)5 Mic. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of sples5PIN 1+PIN 2NC S 2PIN 4NO S 1	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operature (fixed) 90 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Family construction form free cable end No. of poles 16 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1		2 kV @ 60 s
Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 16 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5FIN 1+FIN 2NC S 2FIN 3-FIN 4NO S 1	Max. operating temperature (fixed)	0° 00
Flame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 4NO S 1	Operating temperature min. (dynamic)	-20 °C
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Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (installation)x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	chemical resistance	Good, application-related testing
Bending radius (installation)x Outer diameterBending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (fixed)8 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (installation)	x Outer diameter
Travel speed (C-track)5 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (fixed)	8 x Outer diameter
Connection type 2Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Bending radius (dynamic)	10 x Outer diameter
Family construction formfree cable endNo. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles16Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Connection type 2	
Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	free cable end
GenderfemaleColor contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	No. of poles	16
Color contact carrierblackCodingANo. of poles5PIN 1+PIN 2NC S 2PIN 3-PIN 4NO S 1	Family construction form	M12
Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 3 - PIN 4 NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

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: 2024-05-21

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