

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

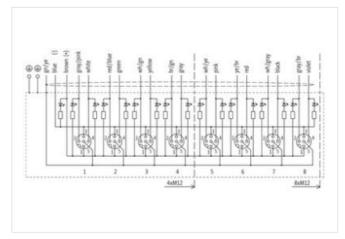
3.0m PUR 16x0,5+3x1,0, UL/CSA

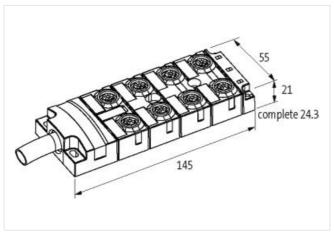
8-way, 5-pole 3.0 m with LED for digital NPN-signals 24 V DC Replaces identical product (Art.No. 27560) Further cable lengths on request.

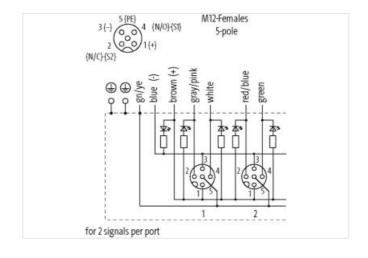
Link to Product

Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27279219	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	
ECLASS-9.0	27440108	

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-25



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F01.400.40.4	27.110.100
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879352918
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	Ochraubgewhite
·	05.00
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)
No. of bending cycles (C-track)	5 Mio. @ 25 °C
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) Material wire insulation	±5%
Amount wires	TPE-E 16
Outer diameter insulation	1,6 mm
Outer diameter insulation 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
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
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Outer diameter wire insulation (Data) 2,1 mm Tolerance outer diameter wire insulation (Data) 5.5 % Shrow hardness wire insulation (Data) 5.5 ± Shrow D Impredient freeness wire insulation (Data) 5.5 ± Shrow D Amount strands wire (Data) 1.28 Diameter of single wires (Data) 0.1 mm Oldmeter of single wires (Data) 1.1 mm² Material conductor wire (Data) 1 mm² Material conductor wire (Data) 5 m @ 25 °C Wire conductor type (Data) stranded copper wire, barre Traversing distance (Cirack) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Electrical resistance conting wire (Data) 15 A Electrical resistance conting wire (Data) 20 Mm @ 20 °C Max. rada voltage power (conductor - ground) 300 V Max. rada voltage power (conductor - ground) 300 V Power (requency withstand voltage power (conductor - ground) 300 V Min. operating temperature (stand) 40 °C Max. and voltage power (wire - wire) 2 k V @ 60 s Min. oper	Conductor type (wire)	strand class 6
Tolorance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) 55 ± 5 Shore D Impredient freeness wire insulation (Data) 184 ± 5 € 5 Shore D Amount wrises (Data) 3 Amount wrises (Data) 0,1 mm Conductor crosssection wire (Data) 1 mm² Makerial conductor wire (Data) 1 mm² Wire conductor type (Data) stranded cooper wire, bare Wire conductor type (Data) to IN VED 6288-4 Current load capacity min, wire 5.9 A Current load capacity min, wire 5.9 A Current load capacity min, wire (Data) 20 DMm @ 20 °C Electrical resistance line constant vire 39 DMm @ 20 °C Electrical resistance line conditions wire (Data) 20 DMm @ 20 °C Electrical resistance line on the conditions wire (Data) 20 V W Max. prearbing temperature (Ered) 90 °C	Material wire insulation (Data)	TPE-E
Shore hardness wire insulation (Data) 55 ± 5 Shore D Ingredient feeness wire insulation (Data) Amount feeness wire insulation (Data) 3 Amount strands wire (Data) 128 Diameter of single wires (Data) Conductor crossection wire (Data) 1 mm² Conductor crossection wire (Data) Triversing distance (C-teach) Treversing distance (C-teach) Sn @ 25 °C Current load capacity (standard) To NV DE 0288-4 Current load capacity (standard) To NV DE 0288-4 Current load capacity min. wire (Data) Sh A Curren	Outer diameter wire insulation (Data)	2,1 mm
Ingredient freeness wire insulation (Data) lead-free, silicone-free, LABS-free	Tolerance outer diameter wire insulation (data)	±5%
Amount wires (Data) 3 Amount strands were (Data) 128 Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) 5 stranded copper wire, bare Wire conductor type (Data) 5 strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (slandard) 1 to DIN VDE 0298 4 Current load capacity min. wire 5,9 A Current load capacity min. wire 15,9 A Current load capacity min.	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount strands wire (Data) 128 Diameter of single wires (Data) 0,1 mm Conductor or single wires (Data) 1 mm² Material conductor wire (Data) Stranded opper wire, bare Wire conductor type (Data) Stranded opper wire, bare Wire conductor type (Data) Strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Current load capacity min. Wire (Data) 15 A Electrical resistance near constant wire 15 electrical resistance coating wire (John @ 20 °C Electrical resistance coating wire (John @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Correnting temperature min. (dynamic) - 20 °C Operating temperature min. (dynamic) - 20 °C Operati	Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Diameter of single wires (Data) 0,1 mm Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (sandard) to DIN VPE 0298-4 Current load capacity win. wire Current load capacity min. wire Current load capacity Current load capacity Current load capacity Current loa	Amount wires (Data)	3
Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor yer (Data) strand dass 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coaling wire (Data) 30 N/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power fraquency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (ixed) 90 °C Operating temperature (ixed) 90 °C Operating temperature max. (dynamic) 20 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing <	Amount strands wire (Data)	128
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m Ø 25 °C Current load capacity (standard) to DIN VDE 0299 4 Current load capacity min. wire 5.9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Mex. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (ixed) 30 °C Operating temperature (ixed) 90 °C Operating temperature mix. (dynamic) -20 °C Operating temperature mix. (dynamic) 90 °C Gasoline resistance Good, application-related testing Galsine resistance Good, application-related testing Goli resistance Good, application-related testing Bending radius (installation) x Outer diameter	Diameter of single wires (Data)	0,1 mm
Wire conductor type (Data) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to IN VDE 0298-4 Current load capacity min, wire 5.9 A Current load capacity min, wire (Data) 15 A Electrical resistance line constant wire (Pata) 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (incl) 90 °C Operating temperature (incl) 90 °C Operating temperature max. (dynamic) 90 °C Pisme resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bend	Conductor crosssection wire (Data)	1 mm²
Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. Wire (Data) 15 A Electrical resistance constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Param resistance Good, application-related testing Gasoline resistance Good, application-related testing Gir resistance Good, application-related testing Bending radius (fixed) 8 x Outer diameter Gonder	Material conductor wire (Data)	Stranded copper wire, bare
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 line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Amax. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Claiman resistance Good. application-related testing Gasoline resistance Good. application-related testing Gasoline resistance Good. application-related testing Bending radius (dynamic) 8 × Outer diameter Bending radius (dynamic) 10 × Outer diameter <td>Wire conductor type (Data)</td> <td>strand class 6</td>	Wire conductor type (Data)	strand class 6
Current load capacity min. wire 5,9 A Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (istatic) -40 °C Max. operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Or application-relat	Traversing distance (C-track)	5 m @ 25 °C
Current load capacity min. Wire (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Plame 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 (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter Conception type 2 Family construction form free cable end No. of poles 16 Family construction form	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance ine constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - ground) 300 V Max. power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) 40 °C Operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (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 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 Gender female Color contact carrier black Cooling A No. of poles 5 FIN 1 + FIN 2 NO. of poles 5 FIN 1 + FIN 2 NO. S 2 FIN 3 - FIN 4 NO. S 1	Current load capacity min. wire	5,9 A
Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C Max. rated voltage power (conductor - ground) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 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 Oil resistance Good, application-related testing Binding radius (installation) x Outer diameter Bending radius (fixed) 8 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 <td>Current load capacity min. Wire (Data)</td> <td>15 A</td>	Current load capacity min. Wire (Data)	15 A
Max. rated voltage power (conductor - ground) 300 V Max. rated voltage power (conductor - goodnuctor) 300 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C 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 DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (grynamic) 8 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	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Max. rated voltage power (conductor conductor) 300 V Power frequency withstand voltage power (wire - picket) 2 kV Ø 60 s AC withstand voltage power (wire - wire) 2 kV Ø 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 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 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 <tr< td=""><td>Electrical resistance coating wire (Data)</td><td>20 Ω/km @ 20 °C</td></tr<>	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
Conductor) S00 V Power frequency withstand voltage power (wire - wire) 2 kV @ 60 s AC withstand voltage power (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C 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 DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form Family construction form free cable end No. or poles 16 Family construction form M12 Gender female Color contact carrier black Coding A No. or poles 5	Max. rated voltage power (conductor - ground)	300 V
Wire - jacket	Max. rated voltage power (conductor - conductor)	300 V
Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C 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 Oil resistance Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 Gender 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	Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
Max. operating temperature (fixed) 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 DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	AC withstand voltage power (wire - wire)	2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) 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 (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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 °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 (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Max. operating temperature (fixed)	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 (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Operating temperature min. (dynamic)	-20 °C
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 (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Operating temperature max. (dynamic)	90 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	chemical 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 Connection type 2 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	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter Connection type 2 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	Bending radius (installation)	x Outer diameter
Connection type 2 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	Bending radius (fixed)	8 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	Bending radius (dynamic)	10 x Outer diameter
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	Connection type 2	
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	Family construction form	free cable end
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	No. of poles	16
Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO 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 - NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	NC S 2
	PIN 3	-
	PIN 4	NO S 1
	PIN 5	PE