

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

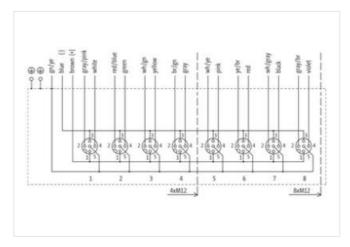
3.0m PUR 16x0,5+3x1,0, UL/CSA

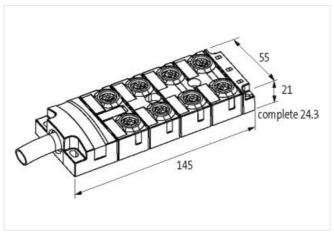
8-way, 5-pole Without LED for analog signals up to 48 V AC/DC Further cable lengths on request. Replaces identical product (Art.No. 27496)

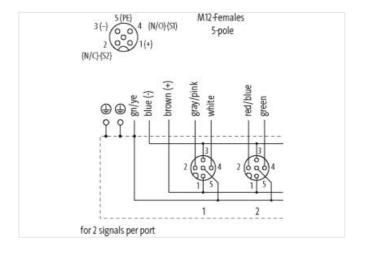
Link to Product

Illustration









Product may differ from Image









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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04



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ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879351966
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	48 V
Operating voltage DC max.	48 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
	55, 57, 50
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
Shore hardness wire insulation Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free, silicone-free, LABS-free
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64 0,1 mm
Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	lead-free, CFC-free, halogen-free, silicone-free, LABS-free 64

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Troversing distance (C-track) 5 m Ø 25 °C Material wire insulation (Data) 7PE-E Outer diameter wire insulation (Data) 2,1 mm Tolerance outer diameter wire insulation (Data) 5 ± 5 % Shore hardness wire insulation (Data) 55 ± 5 % Shore hardness wire insulation (Data) 182 5 % Shore hardness wire insulation (Data) 182 5 % Amount wires (Data) 3 Shore hardness wire insulation (Data) 182 5 % Diameter of single wires (Data) 182 5 % Diameter of single wires (Data) 182 5 % Material conductor wire (Data) 5 % Material conductor year (Data) 500 V Wire conductor type (Data) 500 V Max. rated voltage (conductor- ground) 300 V Current load capacity min wire 5 % A Electrical resistance in command wire (Data) 5 Å Electrical resistance in command wire (Data) 20 °C Electrical resistance in command wire (Data) 20 °C Electrical resistance in command wire (Data) 20 °C Power Indepenyor withstand voltage (wire 1826) 20 °C Queranting temperature (static) 40 °C Max. operating temperature (static) 40 °C Queranting temperature (sta	Conductor type (wire)	strand class 6
Meserial wire insulation (Data) TPE-E		5 m @ 25 °C
Outer diameter wire insulation (Oata)	Material wire insulation (Data)	TPE-E
Tolerance outer diameter wite insulation (data) = 5. % Shore hardness wite insulation (data) = 5. % Shore hardness wite insulation (data) = 5. % 5. \$ Shore D Ingredient freeness wire insulation (data) = 1.	Outer diameter wire insulation (Data)	2,1 mm
Ingredient freeness wire insulation (Data) lead-free, halogen-free, silicone-free, LABS-free Amount wires (Data) 3 Amount wires (Data) 128 Diameter of single wires (Data) 1 mm² Amount strands (or wire (Data) 1 mm² Amount during (or wire (Data) 1 mm² Amount during (or wire (Data) 1 mm² Amount during (or wire (Data) 1 mm² Americal conductor conductor 2 month Americal conductor 2 month 2 month Americal capacity (standard) 10 DIN VDE 0299-4 Current load capacity (standard) 15 A 1 mm² Current load capacity (standard) 15 A 1 mm² Current load capacity (standard) 15 A 1 mm² Current load capacity (standard) 10 DIN VDE 0299-4 Current load capacity min. Wire (Data) 20 Qtm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Electrical resistance location 2 month 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s AC voltageneral geneparature (stadic) -40 °C AC withstand voltage (wire - wire) 20 °C Coperating temperature (stadic) -40 °C AC withstand voltage (wire - wire) 20 °C Coperating temperature wire. (dynamic) -20 °C		±5%
Amount wires (Data) 3 Amount airands wire (Data) 128 Diameter of Isingle wires (Data) 0,1 mm Conductor vires (Data) 1 mm² Material conductor vire (Data) 1 mm² Material conductor vire (Data) 5 mm² Material conductor vire (Data) 5 mm² Material conductor vire (Data) 5 mm² Max. radad voltage (conductor - conductor) 300 V Current load capacity (standard) 100 NVDE 0298-4 Current load capacity (standard) 15 A Electrical resistance line constant wire 20 Ω Ω Nm @ 20 °C Electrical resistance coating wire (Data) 20 Ω Nm @ 20 °C Electrical resistance (wire - 20 Ω Nm @ 20 °C Electrical resistance vires (Max. y and y	Shore hardness wire insulation (Data)	55 ± 5 Shore D
Amount wires (Data) 3 Amount airands wire (Data) 128 Diameter of Isingle wires (Data) 0,1 mm Conductor vires (Data) 1 mm² Material conductor vire (Data) 1 mm² Material conductor vire (Data) 5 mm² Material conductor vire (Data) 5 mm² Material conductor vire (Data) 5 mm² Max. radad voltage (conductor - conductor) 300 V Current load capacity (standard) 100 NVDE 0298-4 Current load capacity (standard) 15 A Electrical resistance line constant wire 20 Ω Ω Nm @ 20 °C Electrical resistance coating wire (Data) 20 Ω Nm @ 20 °C Electrical resistance (wire - 20 Ω Nm @ 20 °C Electrical resistance vires (Max. y and y	Ingredient freeness wire insulation (Data)	lead-free, halogen-free, silicone-free, LABS-free
Amount strands wire (Data) 128 Diameter of single wires (Data) 0,1 mm Conductor rossection wire (Data) 1 mm² Material conductor wire (Data) 5 stranded copper wire, bare 1 mm² Material conductor wire (Data) 5 stranded copper wire, bare 1 mm² Material conductor vire (Data) 5 strand class 6 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) 1 to DIN VIDE 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 osating wire (Data) 2 R/k @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (Rixed) 90 °C Operating temperature (Rixed) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (d	Amount wires (Data)	-
Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voitage (conductor - ground) 300 V Max. rated voitage (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 Ω/km @ 20 °C Electrical resistance ine constant wire 20 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Now. operating temperature (kved) 90 °C Operating temperature (kved) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) 90 °C Operating temperatu	Amount strands wire (Data)	128
Conductor crosssection wire (Data) 1 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voitage (conductor - ground) 300 V Max. rated voitage (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 Ω/km @ 20 °C Electrical resistance ine constant wire 20 Ω/km @ 20 °C Electrical resistance coating wire (Data) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Now. operating temperature (kved) 90 °C Operating temperature (kved) 90 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) 90 °C Operating temperatu	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 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 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 Min. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Plane 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) 5 kV outer diameter	Conductor crosssection wire (Data)	1 mm ²
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 (Data) 15 A Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Max. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C General temperature max. (dynamic) 90 °C Operating temperature max. (dynamic)	Material conductor wire (Data)	Stranded copper wire, bare
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 line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - giacket) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature min. (dynamic) 20 °C Operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Good, application-related testing 001 resistance Good, application-related testing 001 resistance Bending radius (installation) <td< td=""><td>Wire conductor type (Data)</td><td>strand class 6</td></td<>	Wire conductor type (Data)	strand class 6
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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -40 °C Min. operating temperature (static) -40 °C Max. operating temperature (incet) 90 °C Operating temperature (incet) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 dehemical 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 (installation) x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C	Max. rated voltage (conductor - conductor)	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 line constant wire 39 Ω/km @ 20 °C 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) -40 °C Min. operating temperature (static) -40 °C Max. operating temperature (incet) 90 °C Operating temperature (incet) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 dehemical 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 (installation) x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C	Max. rated voltage (conductor - ground)	300 V
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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s AC word with voltage (wire - wire) 2 kV @ 60 s AC word with voltage (wire - wire) 2 kV @ 60 s AC word wire a kV @	Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. Wire (Data) 15 A Electrical resistance loate constant wire 39 Ω/km @ 20 °C Electrical resistance loating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - vivie) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 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 Operating temperature min. (dynamic) 90 °C Good, application-related testing 00 min. 158 § 1090 Gasoline resistance Good, application-related testing Gli resistance Good, application-related testing Bending radius (fixed) 8 × Outer diameter Bending radius (fixed)	Current load capacity min. wire	
Electrical resistance line constant wire 39 Ω/km @ 20 °C Electrical resistance coating wire (Data) 20 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - apacket) 2 kV @ 60 s Min. operating temperature (static) 40 °C Max. 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 Gasoline resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (installation) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Framily construction form free cable end No. of poles 16 Family construction form M12 Gender female Coding A No. of poles 5 FIN 1 + PIN 2 NC S 2 FIN 3 - FIN 4 NO S 1	Current load capacity min. Wire (Data)	15 A
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 (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 Gasoline 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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 Gender (emale Codor contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Electrical resistance line constant wire	39 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s jacket) -40 °C 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 (fixed) 8 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (G-track) 5 Mio. @ 25 °C Concetton type 2 Family construction form free cable end No. of poles 16 Family construction form free cable end No. of poles 16 Family construction form free cable end No. of poles 5 Fin 1 + PIN 1 + <	Electrical resistance coating wire (Data)	20 Ω/km @ 20 °C
AC W W W W	AC withstand voltage (wire - wire)	2 kV @ 60 s
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 Oil resistance Good, application-related testing IDIN EN 60811-404 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 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	Power frequency withstand voltage (wire - jacket)	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 DIN EN 60811-404 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 °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 Travel speed (C-track) 5 Mio. @ 25 °C Connection type 2 Family construction form 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 Travel speed (C-track) 5 Mio. @ 25 °C 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 Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C 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 Travel speed (C-track) 5 Mio. @ 25 °C 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 Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C 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 Travel speed (C-track) 5 Mio. @ 25 °C 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 Travel speed (C-track) 5 Mio. @ 25 °C 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 Travel speed (C-track) 5 Mio. @ 25 °C 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
Travel speed (C-track) 5 Mio. @ 25 °C 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
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 (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	Travel speed (C-track)	5 Mio. @ 25 °C
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 5 PE	PIN 4	NO S 1
	PIN 5	PE