

MVP-METALL, 4XM12, 5POLE, PRE-WIRED CABLE

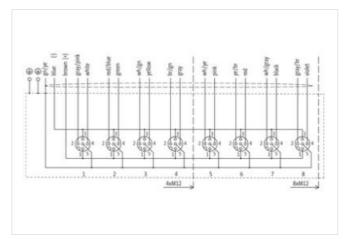
5.0m PUR 8x0,34+3X0.75, UL/CSA

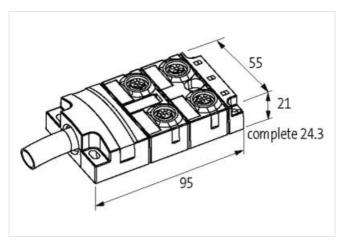
4-way, 5-pole 5.0 m shielded Replaces identical product (Art.No. 27487) without LED, 5-pole (for analog signals) Further cable lengths on request.

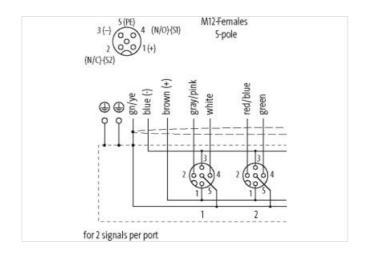
Link to Product

Illustration









Product may differ from Image









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



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FOL 400 0 0	0744040
ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1 ECLASS-12.0	27440108 27440108
ETIM-5.0	
	EC002585
customs tariff number GTIN	85444290
	4048879351720
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	
•	ID65 ID67 ID69
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	c
Operating temperature min.	-25 °C
Operating temperature max.	90 °C
Additional condition temperature range	depending on cable quality
	appointing on sauto quality
Installation Cable	
Cable identification	373
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	1 3 wires twisted
Stranding Stranding factor min.	1 3 wires twisted 43 mm
Stranding Stranding factor min. Stranding factor max.	1 3 wires twisted 43 mm 43 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2)	1 3 wires twisted 43 mm 43 mm 1
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 %
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Cable shielding (type) Cable shielding (coverage) Banding	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green)
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Cable shielding (type) Cable shielding (type) Banding wire arrangement Cable weigth	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR 85 Shore A
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Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Cable shielding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 %
Stranding Stranding factor min. Stranding factor max. Amount stranding (type 2) Stranding factor min. (type 2) Stranding factor min. (type 2) Stranding factor max. (type 2) Cable shielding (type) Cable shielding (coverage) Banding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	1 3 wires twisted 43 mm 43 mm 1 8 wires around Stranding combination counter-rotating twisted 90 mm 90 mm copper braid, tinned 80 % Fleece, Foil yellow, white, green, (blue, brown, green-yellow, gray, gray-pink, red-blue, green-white, brown-green) 145,2 g/m PUR 85 Shore A lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free 9,3 mm ± 5 % TPE-E



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Improdes in the relation of the control of the co	Shore hardness wire insulation	55 Shore D
Amount strands (view) 42 Conductor crosssection (view) 0.34 mm² Matterial conductor view Stranded cooper view, bare Conductor (view) 3-randed cooper view) 5-randed cooper view, bare Conductor (view) 3-randed cooper view) 5-randed cooper view, bare Conductor (view) 3-randed cooper view) 5-randed cooper view, bare Conductor (view) 3-randed cooper view) 5-randed cooper view, bare Conductor (view) 5-randed cooper view) 6-randed cooper view (view) 6-randed cooper view) 6-randed cooper view (view) 6-randed cooper view, bare Material conductor view (Cotal) 5-randed cooper view, bare Material conductor view (Cotal) 5-randed cooper view, bare Mitter conductor (view) 6-randed cooper v		
Damated or diargie wries 0.1 mm Conductor crossection (vivir) 0.34 mm² Mineral conductor vivire Stranded cooper wive, barre Conductor Type (wire) strand class 6 Markerial wrier residents (Ostal) TPE-E Cuter claimater wire insulation (Ostal) 1.8 mm Total claimater wire insulation (Ostal) 5.5 % Shoop hardriess wire insulation (Data) 5.5 Store D Impredient freeness wire insulation (Data) 9.6 The Amount wrise (Data) 9.6 Amount stands were (Data) 9.6 Conductor cross-section wire (Data) 7.5 mm² Uniformed or diseptive were (Data) 9.7 mm² Wire conductor type (Data) Stranded cooper wire, bare Wire conductor bype (Data) strand class 6 Max. rated voilage (conductor - conductor) 500 V Max. rated voilage (wire - wire (Data) 2x W ⊕ 60 e Electrical resistance in constant vive 53 Cher @ 20 °C <		
Conductor types (winy)	,	
Material viro insulation (Data) TPE-E		·
Conductor type (evrey)	. ,	•
Material wire insulation (Data) TPE E		
Outer dismeter wire insulation (Data) 5,8 mm Tolerance outer diameter wire insulation (Data) 55 % Shore D Shore hardness wire insulation (Data) 55 Shore D Important reseases wire insulation (Data) 1 sead free, CFC free, hategen free, sillicene free, LABS free Amount wires (Data) 96 Diameter of single wires (Data) 0,1 mm Diameter of single wires (Data) 0,7 mm² Conductor or seascent on wire (Data) Stranded copper wire, bare Material conductor wire (Data) Stranded copper wire, bare Wire conductor (Pota) Stranded copper wire, bare Max. ralad voltage (conductor - ground) 500 V Max. ralad voltage (conductor - ground) 500 V Max. ralad voltage (conductor - ground) 100 N VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard) to DIN VDE 6284 4 Current load capacity (sandard)<		
Tolerance outer diameter wire insulation (data) ± 5 % Shore hardness wire insulation (Data) Se Shore D		
Shore hardness wire insulation (Data) 55 Shore D Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, sillcone-free, LABS-free Amount wires (Data) 96 Amount strands wire (Data) 0,75 mm² Damaterer of single wires (Data) 0,75 mm² Material conductor wire (Data) Stranded coper wire, bare Wire conductor (Pye (Data)) Stranded class 6 Max. rated voltage (conductor - ground) 500 V Current load capacity (standard) to DN VDE 0298-4 Current load capacity (standard) to DN VDE 0298-4 Current load capacity min. Wire (Data) 4 A Current load capacity win. Wire (Data) 12 A Electrical resistance line constant wire 53 Ωkm @ 20 °C Electrical resistance (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - wire) 90 °C Operating temperature (wire) wire) 90 °C Operating temperature max. (cynamic) 90 °C Operating temperature max. (cynamic) 90 °C Operating temperature max. (cynamic) 90 °C <th< td=""><td>,</td><td></td></th<>	,	
Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free, silicone-free, LABS-free		
Amount wires (Data) 3 Amount stands wire (Data) 96 Londered of single wires (Data) 0.1 mm Conductor crosssection wire (Data) 0.75 mm² Material conductor wire (Data) Strande copper wire, bare Miscrad voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 500 V Current load capacity (standard) 10 IN VPC 0259 4 Current load capacity (standard) 10 IN VPC 0259 4 Current load capacity (with wire (Data) 12 A Electrical resistance costing wire (Data) 26 Ω/km @ 20 °C Electrical resistance costing wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature wink. (dynamic) 40 °C Operating temperature wink. (dynamic) 40 °C Operating temperature wink. (dynamic) 40 °C Cascing radius (fynamic) 40 °C Gasoline resistance Good. application-rel		
Amount strands wire (Data) 96 Diameter of single wires (plata) 0.1 mm Conductor rosssection wire (Data) 3.75 mm² Material conductor wire (Data) Strand class 6 Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - ground) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. wire 25 Ω/Lm @ 20 °C Electrical resistance coating wire (Data) 25 Ω/Lm @ 20 °C Electrical resistance coating wire (Data) 2 k/V @ 60 s AC withstand voltage (wire - wire) 2 k/V @ 60 s AC withstand voltage (wire - wire) 2 k/V @ 60 s AC withstand voltage (wire - wire) 40 °C Max. operating temperature (fixed) 90 °C Operating temperature mix. (dynamic) 40 °C Gasoline resistance Good, application-related testing <t< td=""><td></td><td></td></t<>		
Diameter of single wires (Data) 0.1 mm Conductor or crossection wire (Data) 0.75 mm² Wire conductor type (Data) strand copper wire, bare Wire conductor type (Data) strand copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 500 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 28 Q Mm @ 20 °C Electrical resistance line constant wire 53 Q Mm @ 20 °C Electrical resistance line constant wire 28 Q Mm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Chemical resistance Good. application-related testing Gil resistance Good. application-related testing		
Conductor crossection wire (Data) 0,75 mm² Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity standard) to DIN VDE 0298-4 Current load capacity standard) to DIN VDE 0298-4 Current load capacity standard) 12 A Electrical resistance coating wire (Data) 12 A Electrical resistance ine constant wire 53 Okm @ 20 °C Electrical resistance coating wire (Data) 26 Okm @ 20 °C Fower frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Max. operating temperature (fixed) 90 °C Operating temperature max. (dynamic) 90 °C Flam resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing <		
Material conductor wire (Data) Stranded copper wire, bare Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. Wire (Data) 12 A Electrical resistance line constant wire \$3 0km @ 20 °C Electrical resistance coating wire (plas) \$2 kM @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -40 °C Min. operating temperature (static) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 90 °C Plamar resistance UL 1581 § 1909 EC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gli resistance Good, application-related testing Bending radius (trixed) x Outer diameter Bending radius (trixed) 12 x Outer		· · · · · · · · · · · · · · · · · · ·
Wire conductor type (Data) strand class 6 Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 53 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power froquency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (fixed) 90 °C Operating temperature (with (dynamic) 40 °C Operating temperature min. (dynamic) 90 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (fixed) x Outer diameter		
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Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 53 Q/km @ 20 °C Electrical resistance osating wire (Data) 26 Q/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (lixed) 90 °C Max operating temperature (lixed) 90 °C Operating temperature max. (dynamic) 40 °C Operating temperature min. (dynamic) 40 °C Plane resistance UL 1581 § 1090 (IEC 60332-2-2) (UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing (Instance) Gasoline resistance Good, application-related testing (Instance) Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (fixed) x Outer diameter Tavel speed (C-track) 5 Mio. <		
Current load capacity min. wire 4 A Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 53 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (ixed) 90 °C Operating temperature mix. (dynamic) 40 °C Operating temperature mix. (dynamic) 90 °C Flame resistance U. I. 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical 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 (gynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. Conception type 2 Family construction form free cable end No. of poles 5 <td></td> <td></td>		
Current load capacity min. Wire (Data) 12 A Electrical resistance line constant wire 53 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - shield) 2 kV @ 60 s AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature max. (dynamic) 90 °C Operating temperature min. (dynamic)		
Electrical resistance Unit constant wire 53 Ω/km @ 20 °C Electrical resistance coating wire (Data) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - sheld) 2 kV @ 60 s AC withstand voltage (wire - sheld) 2 kV @ 60 s AC withstand voltage (wire - sheld) 2 kV @ 60 s Min. operating temperature (static) -40 °C Min. operating temperature (static) -40 °C Operating temperature min. (dynamic) -40 °C Operating temperature min. (dynamic) 90 °C Flame resistance UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 Flame 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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 16 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 PiN 3 - PiN 4 PiN 4 No S 1		
Electrical resistance coating wire (Data)	Current load capacity min. Wire (Data)	12 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) 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 Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Min. Connection type 2 Family construction form free cable end No. of poles 16 Family construction form M12 Gender temale Color contact carrier Dlack 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	
Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) 2 kV @ 60 s Min. operating temperature (static) A40 °C Max. operating temperature (mixed) 90 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 90 °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 Gir ersistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (fynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 FIN 1 + FIN 2 NC S 2 FIN 3 - FIN 4 NO S 1	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
AC withstand voltage (wire - shield)	AC withstand voltage (wire - wire)	2 kV @ 60 s
Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 90 °C Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °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 DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 FIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1		2 kV @ 60 s
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Operating temperature min. (dynamic) -40 °C Operating temperature max. (dynamic) 90 °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 DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 § 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 DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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)	-40 °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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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) x Outer diameter Bending radius (dynamic) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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) 12 x Outer diameter Travel speed (C-track) 5 Mio. 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 5 Mio. 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)	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)	12 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.
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 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	No. of poles	5
PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1		+
PIN 3 - NO S 1		
PIN 4 NO S 1		
		NO S 1

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