

PASSIVE-DIO° PLASTIC,8XM12,5POL,PRE-WIRED CABLE

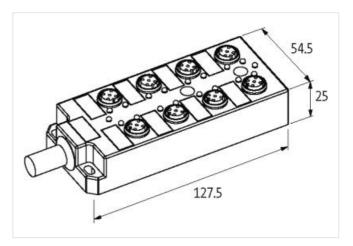
5.0m PUR-JB 16*0,34+3*0,75

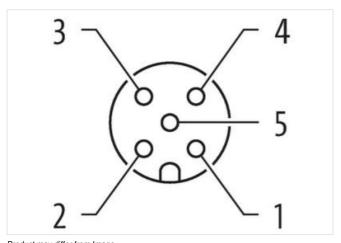
8-way, 5-pole PUR/PVC 5.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

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	
ECLASS-10.1	27440108	
ECLASS-11.1	27440108	
ECLASS-12.0	27440108	

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02



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ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879062923
Packaging unit	1
Electrical data Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Total current max.	10 A
	10 A
Industrial communication	_
Number of signals per port	2
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Mechanical data Mounting data	
	Schrauhagwindo
Mounting method Height	Schraubgewinde 127.5 mm
Width	54,5 mm
Depth	25 mm
•	
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Installation Cable	
Cable identification	398
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
STOOW style jacket	Hybrid, Signal, Power
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted
wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
Cable weigth	165 g/m
Material jacket	PUR
Shore hardness jacket	87 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	10 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm

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Material conductor wire	Conductor crosssection (wire)	0,34 mm²
Conductor type (wire) Strand class 5 Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1,8 mm Tolerance outer diameter wire insulation (Power) 25 % Shore handness wire insulation (Power) 325 Shore D Material properties wire insulation (Power) 325 Shore D Material properties wire insulation (Power) 42 Shore D Impredient freeness wire insulation (Power) 42 Power Diameter of single wires (Power) 42 Power United conductor cross section (Power) 0.75 mm² Wire conductor type wire (Power) 57 mm² War candoutlor cross section (Power) 57 mm² Wire conductor type wire (Power) 57 mm² War candoutlour (Vipe wire (Power) 5 m @ 25 °C Traversing distance (Chrosk) 5 m @ 25 °C Max. radard vollage (conductor or conductor) 300 V Max. radard vollage (conductor or conductor) 300 V Current load capachty sin. wire 4 A Electrical resistance in sec casting wire (Power) 2 KW @ 60 s Electrical resistance in sec casting wire (Power) 2 KW @ 60 s Power fre	. ,	
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1,8 mm Tortiferance outer diameter wire insulation (Power) 1,8 mm Tortiferance outer diameter wire insulation (Power) 43±5 Shore D Material properties wire insulation (Power) 30±6 Shore D Material properties wire insulation (Power) 42 Dameter of single wires (Power) 42 Dameter of single wires (Power) 0,75 mm² Material conductor wire (Power) 57 mm² Material conductor wire (Power) 57 mm² Material conductor wire (Power) 57 mm² Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 30 V Max. rated voltage (conductor - conductor) 300 V Current and capacity wire. wire 4 A Electrical resistance in constant wire 57 Okm @ 20 °C Current bad capacity wire. wire 47 Mm @ 20 °C Electrical resistance conting wire (Power) 25 C Q km @ 20 °C Current bad capacity wire. wire 57 Okm @ 20 °C Doy wer (requency vire. wire) 57 % m @ 20 °C Current bad capacity wire. wire		
Outer diameter wire insulation (Power) 1,8 mm Tolerance outer diameter wire insulation (Power) 45 % Shore handless wire insulation (Power) 4345 Shore D Material properties were insulation (Power) 4345 Shore D Ingredient freeness were insulation (Power) 42 Amount strands were Power) 42 Diameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) 0,75 mm² Wire conductor vire (Power) stranded copper wire, barre Conductor by pe wire (Power) stranded copper wire, barre Traval speed (C-taack) 3 Max. rated voilage (conductor - conductor) 30 V Current load capacity (standard) 10 DIN VDE 0288-4 Current load capacity (standard) 15 DIN VDE 0288-4 Current load capacity (standard) 25 CW ® 0.8 Electrical resistance (assign wire (Power) 24 OW ® 0.9 Power (rougeney withstand voltage (wire - wire) 24 V ® 0.8 Power (rougeney withstand voltage (wire - wire) 26 OW ® 20 C Contracting temperature (static) 30 °C Max. sporariling temperature (wire) 27 °C		
Toterance outer diameter wire insulation (Power) 43±5 Shore D	. ,	
25 % 15 %		
Material properties wire insulation (Power) ingredient freeness wire insulation (Power) good machinability Ingredient freeness wire insulation (Power) 42 Danneter of single wires (Power) 0.15 mm Wire conductor cross section (Power) 0.75 mm² Wire conductor vires section (Power) Stranded copper wire, bare Conductor byge wire (Power) Stranded copper wire, bare Conductor (Crack) 5 m @ 25 °C Travel speed (Crtack) 5 m @ 25 °C Travel speed (Crtack) 30 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (standard) to DIN VDE 0298 4 Current load capacity (min. wire) 4 A Electrical resistance line constant wire 57 QMm @ 20 °C Electrical resistance line constant wire 2 KW @ 60 s Electrical resistance (wire - wire) 2 KW @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Power frequency withstand voltage (wire - wire) 2 kW @ 60 s Loop resistance 30 °C Operating temperature (fixed) 30 °C		±5 %
Ingredient freeness wire inaulation (Power) Ead free, cadmium-free, CFC free, silicone-free	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 42 Diameter of single wires (Power) 0.15 mm Wire concludor ross section (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C+track) 5 m 25 m²C Traversing distance (C+track) 3 Max. rated voitage (conductor - conductor) 300 V Max. rated voitage (conductor - ground) 500 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (mr. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voitage (wire - wire) 2 kW @ 60 s Power frequency withstand voitage (wire - wire) 2 kW @ 60 s Jackel) 2 kW @ 60 s Loop resistance 7.8 A Min. operating temperature (static) 30 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Casoline resistance Good, application-related testing <t< td=""><td>Material properties wire insulation (Power)</td><td>good machinability</td></t<>	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0,15 mm Wire conductor cross section (Power) 0,75 mm³ Material conductor wire (Power) stranded copper wire, bare Conductor type wire (Power) strand copper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 30 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 standard) to DIN VDE 0298-4 Current load capacity standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance coaling wire (Power) 25 °C Electrical resistance coaling wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Loop resistance 7,8 A Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Coperating temperature max. (dynamic) 70 °C Coperating temperature max. (dynamic) 60	Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Wire conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Stranded opper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Traversing distance (C-track) 3 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 (standard) 57 D/km @ 20 °C Electrical resistance conting wire (Power) 25 D/km @ 20 °C Electrical resistance coating wire (Power) 25 D/km @ 20 °C Collectrical resistance coating wire (Power) 25 D/km @ 20 °C Collectrical resistance coating wire (Power) 25 D/km @ 20 °C Electrical resistance coating wire (Power) 25 D/km @ 20 °C Collectrical resistance coating wire (Power) 25 D/km @ 20 °C Collectrical resistance coating wire (Power) 25 D/km @ 20 °C Collectrical resistance virus (with a virus of the power virus of the p	Amount strands wire (Power)	42
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 30 Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 30 °C Max. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oir resistance Good, application-related testing DIN EN 60811-404	Diameter of single wires (Power)	0,15 mm
Conductor type wire (Power) strand class 6 Traversing distance (C-track) 5 m @ 25 ° C Traversing distance (C-track) 3 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 4 A Electrical resistance ine constant wire 5 ° C/km @ 20 ° C Electrical resistance coating wire (Power) 2 k/V @ 60 s Power frequency withstand voltage (wire - wire) 2 k/V @ 60 s Power frequency withstand voltage (wire - wire) 2 k/V @ 60 s Locp resistance 7,8 A Min. operating temperature (static) 30 ° C Max. operating temperature (static) 30 ° C Max. operating temperature min. (dynamic) 5 ° C Operating temperature max. (dynamic) 70 ° ° C Fame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed)	Wire conductor cross section (Power)	0,75 mm ²
Traversing distance (C-track) 5 m @ 25 °C Travel speed (C-track) 3 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 4 A Electrical resistance line constant wire 5 7 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) (apach) 2 kV @ 60 s Loop resistance 7,8 A Mn. operating temperature (static) 30 °C Max. operating temperature (ifwed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -6 °C Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Bending radius (gynamic) 10 × Outer diameter Boo of poles 19	Material conductor wire (Power)	Stranded copper wire, bare
Travel speed (C-track) 3 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity inin. wire 4 A Electrical resistance coating wire (Power) 26 C/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) 30 °C Max. operating temperature (fixed) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 60 °C Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing	Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - orgound) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance Inconstant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - isacket) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (mix (dynamic)) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -70 °C Flame resistance Elec 60332-2.2 UL 1581 § 1090 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 (fixed) 5 x Outer diameter Bending radius (fixed) 2 Mio. @ 25 °C Connection type 2 Female <t< td=""><td>Traversing distance (C-track)</td><td>5 m @ 25 °C</td></t<>	Traversing distance (C-track)	5 m @ 25 °C
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 Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iscket) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter No. of bending cycles (C-track) 2 Mio.@ 25 °C Constitution form free cable end No. of poles 19 Family construction form	Travel speed (C-track)	3
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 B Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - garden) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance IEC 60332-2-2 U. 1 581 § 1090 U. 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 (fixed) 5 × Outer diameter Bending radius (fixed) 5 × Outer diameter No. of bending cycles (C-track) 2 Min. @ 25 °C Conception type 2 Emily construction form M12 Family construction form M2 Family construction form M12 Good	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4 A Electrical resistance loc constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Loop resistance 7.8 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form M12 Gender female Color contact carrier	Max. rated voltage (conductor - ground)	300 V
Electrical resistance line constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - siacket) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (static) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form Family construction form M12 Gender female Color contact carrier black Coding A	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance coating wire (Power) 26 Ω/km @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black <td>Current load capacity min. wire</td> <td>4 A</td>	Current load capacity min. wire	4 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2 kV @ 60 s Jacket) 2 kV @ 60 s Loop resistance 7,8 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 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 Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form free cable end Color contact carrier black	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 2 k V ⊚ 60 s jacket) 7,8 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Jacket 1	AC withstand voltage (wire - wire)	2 kV @ 60 s
Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 FIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1		2 kV @ 60 s
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Gil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Loop resistance	7,8 A
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (gynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1090 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Max. operating temperature (fixed)	80 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1090 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) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Operating temperature min. (dynamic)	-5 ℃
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) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Operating temperature max. (dynamic)	70 °C
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Oil resistance	Good, application-related testing DIN EN 60811-404
No. of bending cycles (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 PIN 1 + PIN 2 NC S 2 PIN 3 - PIN 4 NO S 1	Bending radius (fixed)	5 x Outer diameter
Connection type 2 Family construction form free cable end No. of poles 19 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 5 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 19 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	No. of bending cycles (C-track)	2 Mio. @ 25 °C
No. of poles 19 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	19
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 3 - NO S 1		+
PIN 3 - NO S 1	PIN 2	NC S 2
PIN 4 NO S 1	PIN 3	-
		NO S 1
	PIN 5	