

EXACT12, 8XM12, 4 POLE MOULDED CABLE

3.0m PUR/PVC 8x0,34+3X0.75, UL/CSA

8-way, 4-pole PUR/PVC

Further cable lengths on request.

3.0 m

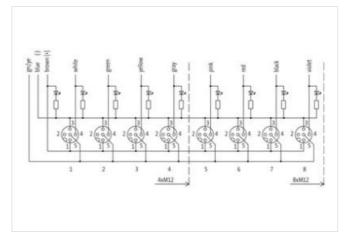
Plastic housings with good resistance against chemicals and oils.

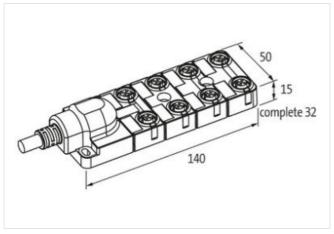
The resistance to aggressive media should be individually tested for your application. Further details on request.

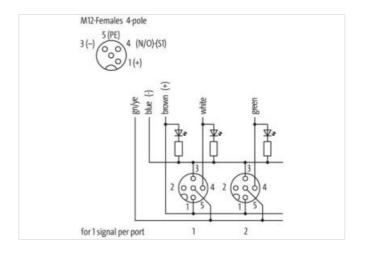
Link to Product

Illustration









Product may differ from Image









Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	



stay connected

ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054270
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
	,
Device protection Media	
Flame resistance	flame retardant
Mechanical data Material data	
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	362
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	2 wires with Filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Filler	yes
wire arrangement	white, violet, (green, yellow, gray, pink, red, black, brown, blue, green-yellow)
Cable weigth	115,5 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)	8,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	PVC
Color (inner jacket)	gray
Material wire insulation	PVC
Material wire insulation	
Amount wires	8
	8 1,3 mm
Amount wires	
Amount wires Outer diameter insulation	1,3 mm
Amount wires Outer diameter insulation Outer diameter tolerance core insulation	1,3 mm ±5 %

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: 2024-05-07



stay connected

PIN 4 NO S 1	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crossection (vier) 0.34 mm² Traversing distance (C-Pack) 5 m @ 25 °C Material conductor view Strand class 5 Traver speed (C-Pack) 3 Material view insulation (Power) PVG Out fied distance in resulation (Power) 1,5 mm Toler action coster dismeter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 45 % Material swine invalidation (Power) 45 % Material swine invalidation (Power) 45 % Will proportion swine invalidation (Power) 45 % Material swine invalidation (Power) 42 % Material swine invalidation (Power) 42 % Manual stands wire (Power) 2 4 Diamater of single view (Power) 0.2 mm Wire conductor stross section (Power) 0.7 mm² Misc. salad voltage (conductor - conductor) 300 V Cur		
Troversing distance (C-track) 5 m @ 25 °C Malterial conductor visio Stranded copper wine, bare Conductor type (we) Stranded copper wine, bare Travel speed (C-track) 3 Material wine insulation (Power) PVC Cluster dismeter wine insulation (Power) 1,5 mm Talestence custer dismeter wine insulation (Power) 4,5 mm Talestence custer dismeter wine insulation (Power) 45 % Brown hardness wite insulation (Power) 43.25 Shore D Malterial properties wire insulation (Power) 43.25 Shore D Malterial properties wire insulation (Power) 42.25 Shore D Malterial properties wire insulation (Power) 42.25 Shore D Malterial properties wire insulation (Power) 24.25 Shore D Malterial properties wire insulation (Power) 24.25 Shore D Malterial properties wire insulation (Power) 2.25 Shore D Malterial properties wire insulation (Power) 2.2 mm Were conductor on secretary (Power) 0.2 mm Will control of single wires wire (Power) 0.2 mm Max. rade voltage (conductor - conductor) 300 V Max. rade voltage (conductor - conductor)	Diameter of single wires	0,15 mm
Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand dates 5 Trivel speed (C track) 3 Material wire insulation (Power) PVC Outer disameter wire insulation (Power) 4.5 % Toter account dismeter wire insulation (Power) 4.5 % Shore hardness wire insulation (Power) 4.5 % Material properties wire insulation (Power) 4.5 % Material properties wire insulation (Power) 4.5 % % Damater of single wire insulation (Power) 2.0 mm Material properties wire insulation (Power) 9.0 mm Amount stands wire (Power) 2.4 Damater of single wires (Power) 9.7 mm Wire conductor cross section (Power) 0.75 mm² Macerial conductor wire (Power) Strand-de copper wire, bare Max. rada vollage (conductor - conductor) 300 V Max. rada vollage (conductor - conductor) 300 V Current load capacity (standard) 100 V Current load capacity (standard) 100 V Current load capacity (standard) 7.7 km @ Current load capacity (standard) 7.5 km @	Conductor crosssection (wire)	0,34 mm ²
Conductor type (wire) Strand class 5 Travel speed (C-frack) 3 Markeral Wire insulation (Power) 1,8 mm Tofferance user dismater wire insulation (Power) 1,8 mm Tofferance user dismater wire insulation (Power) 433.5 Shore D Matural properties wire insulation (Power) 433.5 Shore D Matural properties wire insulation (Power) 433.5 Shore D Matural properties wire insulation (Power) 24 Diameter of single wires (Power) 24 Diameter of single wires (Power) 2.7 mm Wire conclusor cross section (Power) 2.7 mm Matural conductor wire (Power) Strand doses 5 Matural conductor wire (Power) Stranded copper wire, bare Max. related voltage (conductor - conductor) 300 V Max. related voltage (conductor - conductor) 300 V Current load capacity min. wire 4 A Loop resistance 7.8 A Electrical resistance for constant wire 57 Dkm @ 20 °C Electrical resistance ocating wire (Power) 2.6 V @ 60 s Min. operating temperature (statisc) 30 °C Min. operating temperature (statisc)	Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track) 3 Material wire insulation (Power) 1,8 mm Tolerance outer diameter wire insulation (Power) 4,5 % Shore hardness wire insulation (Power) 45 % Shore hardness wire insulation (Power) 426 Shore D Material properties wire insulation (Power) take the properties of the cardinature (Power) Impresentation of the cardinature of the cardinature (Power) 426 Shore D James of Single wise (Power) 24 Pam Wire conductor cross section (Power) 0,7 mm² Wire conductor (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (strandard) to DIN IVE (228+4) Current load capacity (strandard) to DIN IVE (228+4) Current load capacity (strandard) 20 PM (20 PM)	Material conductor wire	Stranded copper wire, bare
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.8 mm Tolerance outer diameter wire insulation (Power) 45 % Shore hardness wire insulation (Power) 435 Shore D Material properties wire insulation (Power) 900 material properties wire insulation (Power) Ingredient freeness wire insulation (Power) 24 Amount strands wire (Power) 24 Diameter of single wires (Power) 24 Wire conductor cross section (Power) 2,7 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded caps 5 Max. raded voilage (conductor - conductor) 300 V Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (with wire (Power) 25 Ω km @ 20 °C Electrical resistance (load copperty (with the conductor) wire (Power) 25 Ω km @ 20 °C AC withstand voilage (wire visible) 25 Ω km @ 20 °C Recircial resistance coating wire (Power) 24 V @ 60 s Power (requery with tha	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) 45 % Shore hardness wire insulation (Power) 435 Shore D Material properties wire insulation (Power) 900 material properties wire insulation (Power) Ingredient freeness wire insulation (Power) 24 Amount strands wire (Power) 24 Diameter of single wires (Power) 24 Wire conductor cross section (Power) 2,7 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded caps 5 Max. raded voilage (conductor - conductor) 300 V Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (standard) 10 IN VDE 2284 4 Current load capsally (with wire (Power) 25 Ω km @ 20 °C Electrical resistance (load copperty (with the conductor) wire (Power) 25 Ω km @ 20 °C AC withstand voilage (wire visible) 25 Ω km @ 20 °C Recircial resistance coating wire (Power) 24 V @ 60 s Power (requery with tha	Travel speed (C-track)	3
Tolerance user diameter wire insulation (Power) 43.55 Shore D		PVC
19-76 19-76 19-76 Material properties were insulation (Power) Diameter of single wires (Power) Diameter of single over (Power) Diameter of single wires (Power) Strand class 5 Max. rated voltage (conductor -conductor) Strand class 6 Max. rated voltage (conductor -conductor) Strand class 7 A	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Impredient freeness wire insulation (Power) 24 Amount strands wire (Power) 24 Diamoter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor typo wire (Power) Stranded copper wire, bare Conductor yes wire (Power) Stranded seas 5 Max. rated voilage (conductor - conductor) 300 V All Activation (Power) 300 V Current load capacity (standard) to DN VDE 0298-4 Lope resistance 7,8 A Lope resistance 7,8 A Electrical resistance line constant wire 57 0/km @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Will stand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (stalic) 30 °C Max. operating temperature (reside) 30 °C Operating temperature max. (dynamic) 70 °C Filmer resistance Good, application-related t		±5 %
Ingredient freeness wire insulation (Power)	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0,2 mm Wire conductor cross section (Power) 0,75 mm² 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 (standard) 4 A Loop resistance 7,8 A Electrical resistance lone constant wire 57 Ωkm @ 20 °C Electrical resistance coating wire (Power) 2 kW @ 60 s AC withstand voltage (wire **- iscker) 2 kW @ 60 s Power frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Power frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Power frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Power frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Power frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Fower frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Fower frequency withstand voltage (wire **- iscker) 2 kW @ 60 s Max. operating temperature (istatic) -30 °C Doperating tempera	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 copper wire, bare Conductor type wire (Power) Strand class 5 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 Loop resistance 7.8 A Electrical resistance line constant wire 57 Q/km @ 20 °C Electrical resistance coating wire (Power) 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 (statio) 30 °C Max. operating temperature (ward) 80 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1090 IEC 60332-22 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 <tr< td=""><td>Amount strands wire (Power)</td><td>24</td></tr<>	Amount strands wire (Power)	24
Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 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 Loop resistance 7.8 A Electrical resistance 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 - wire) 2 kV @ 60 s Power fing temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Max. operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Conscisuance Good, application-related testing Conscisuance Good, application-related testing In esistance Good, application-related testing In esistance Good, application-related testing In esistance Good, ap	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN NDE 0298-4 Current load capacity (standard) 4 A Loop resistance 7,8 A 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 - wire) (acket) 30 °C Max. operating temperature (static) 30 °C Max. operating temperature (max.) (dynamic) 5 °C Operating temperature max. (dynamic) 5 °C Operating temperature max. (dynamic) 70 °C Flamer resistance Good, application-related testing Clin resistance Good, application-related testing Clin resistance Good, application-related testing Gasoline resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Family construction form free cable end No. of poles	Wire conductor cross section (Power)	0,75 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 4 A Loop resistance 7,8 A Electrical resistance constant wire 57 (D/km @ 20 °C Electrical resistance coating wire (Power) 2 kV @ 60 s AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iscket) 30 °C Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -70 °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 Oil resistance Good, application-related testing Oil resistance Good, application-related testing Fending radius (fixed) 5 × Outer diameter Family construction f	Material conductor wire (Power)	Stranded copper wire, bare
Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 4 A Loop resistance 7,8 A Electrical resistance ine constant wire 57 Ω/km @ 20 °C Electrical resistance coating wire (Power) 2 k V @ 60 s AC withstand voltage (wire - wire) 2 k V @ 60 s Power frequency withstand voltage (wire - wire) 30 °C Min. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °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 (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Conception type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form <td< td=""><td>Conductor type wire (Power)</td><td>Strand class 5</td></td<>	Conductor type wire (Power)	Strand class 5
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4 A Loop resistance 7.8 A 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 - jacket) 30 °C 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 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 (fixed) 5 × Outer diameter Travel speed (C-track) 2 Min. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Ge	Max. rated voltage (conductor - conductor)	300 V
Curent load capacity min. wire 4 A Loop resistance 7.8 A 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 - jacket) 30 °C 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 UL 1581 § 1090 IEC 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 Oli resistance Good, application-related testing Bending radius (fixed) 5 × Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Female Family construction form M12 Gender female Color contact carrier black Coding	Max. rated voltage (conductor - ground)	300 V
Loop resistance 7,8 A 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 - wire) jacket) 2 kV @ 60 s Min. operating temperature (static) -30 °C Mix. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °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 (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender tenale Color contact carrier black Coding A	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 - jacket) 30 °C 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 UL 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 Flaming radius (fixed) 5 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Fravel speed (C-track) 2 kinc @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 No. of poles 5 No. of poles 4 No. of poles 6 No. of poles 7 No. of poles 7 No. of poles 9 N	Current load capacity min. wire	4 A
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 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 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form free cable end No. of poles 1 Color contact carrier black Coding A No. of poles 4 <t< td=""><td>Loop resistance</td><td>7,8 A</td></t<>	Loop resistance	7,8 A
AC withstand voltage (wire - wire) 2 kV ⊚ 60 s Power frequency withstand voltage (wire - jacket)	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket) 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 UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 chemical resistance Good, application-related testing Cost asoline 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 Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
Jacket 2	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Filame 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 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1		2 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °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 Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Max. operating temperature (fixed)	80 °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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Operating temperature min. (dynamic)	-5 °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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gasoline resistance	Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. @ 25 °C Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Oil resistance	Good, application-related testing DIN EN 60811-404
Connection type 2 Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Bending radius (dynamic)	10 x Outer diameter
Family construction form free cable end No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Travel speed (C-track)	2 Mio. @ 25 °C
No. of poles 11 Family construction form M12 Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. 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 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Family construction form	free cable end
Gender female Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	11
Color contact carrier black Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Family construction form	M12
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Gender	female
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Color contact carrier	black
PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1	Coding	A
PIN 2 n.c. PIN 3 - PIN 4 NO S 1	No. of poles	4
PIN 3 - NO S 1	PIN 1	+
PIN 4 NO S 1	PIN 2	n.c.
	PIN 3	
PIN 5 PE	PIN 4	NO S 1
	PIN 5	PE

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-07