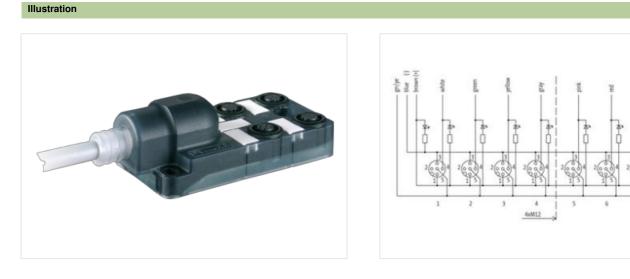


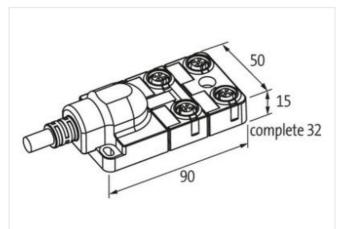
EXACT12, 4XM12, 4 POLE MOULDED CABLE

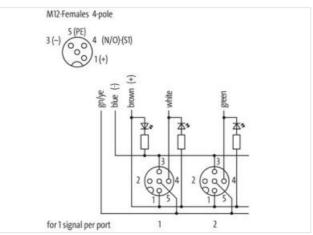
5.0m PUR/PVC 4X0.34+3X0.75NPN-LED's

4-way, 4-pole PUR/PVC for NPN signals 24 V DC 5.0 m Further cable lengths on request. 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







Product may differ from Image





ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219

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: 2024-05-03

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ECLASS-8.0	27279219
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	4048879056007
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	
	Disatia
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	333
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Filler	yes
	,
wire arrangement	white, green, yellow, gray, brown, blue, green-yellow
wire arrangement Cable weigth	-
	white, green, yellow, gray, brown, blue, green-yellow
Cable weigth	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m
Cable weigth Material jacket	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR
Cable weigth Material jacket Shore hardness jacket	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket)	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires Outer diameter tolerance core insulation Shore hardness wire insulation	white, green, yellow, gray, brown, blue, green-yellow 105,6 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 7,4 mm ± 5 % PVC gray PVC 4 1,3 mm ± 5 % 43 ± 5 Shore D

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Damber of aingle wins 0.15 mm Conductor vise 0.34 mm ⁺ Material conductor vise Strandod copper wire, bare Conductor type (wire) Strandod copper wire, bare Travel signations (Crack) 5 m Travel signations (Crack) 5 m Travel signations (Crack) 3 Atterial wire insulation (Power) 1.8 mm Classes ettat frameties wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) 18:4 Travel signation (Power) Material conductor wire (Power) 24 Diameter of aingle wires (Power) 24 Material conductor wire (Power) 25 mm ⁺ Material conductor wire (Power) 30:0 V Conductor logic onductor - conductor 30:0 V Control top wire (Power) 30:0 V Material conductor wire (Power) 30:0 V Control top of wire (Power) 25:0 km (#20 °C Conductor y (stondard) 10:0 V V DE D28:4 Current doad capacity wiri	Amount strands (wire)	19
Material conductor wire Stranded copper wire, bate Conductor type (wire) Strande class 5 Traveling datacos (chrack) 5 m Traveling datacos (chrack) 3 Material wire insulation (Power) 1.8 rm Topicar count database wire insulation (Power) 1.8 rm Topicar count database wire insulation (Power) 1.9 rm Topicar count database wire insulation (Power) good machinability Ingrident in the insulation (Power) good machinability Ingrident in the insulation (Power) good machinability Ingrident in the insulation (Power) 2.4 Diamate of aling la wires (Power) 0.2 mm Wire conductor cost section (Power) 0.7 mn ² Conductor type wire (Power) 0.5 ON V Max. ratad voltage (conductor - conductor) 300 V Current cost conspacity (strandstd) to DN VDE 0508-4 Current cost conspacity (strandstd) to DN VDE 0508-4 <td>Diameter of single wires</td> <td>0,15 mm</td>	Diameter of single wires	0,15 mm
Constructor type (wire) Strand class 5 Traversing distance (C-trask) 5 m Travel apped (C-trask) 3 Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1.5 m Tolerance souther diameter wire insulation (Power) 9.5 m Shore hardness wire insulation (Power) 9.00 machinability Improdent Transers wire insulation (Power) 9.45 Shore D Material typeperities wire insulation (Power) 9.4 Diameter of single wires (Power) 9.2 mm Wire conductor costs asction (Power) 0.2 mm Wire conductor wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current load capacity (Sirandra) 10 DIN VDE 0288.4 Current load capacity (sirandra) 10 DIN VDE 0288.4 Current load capacity wire (Power) 2.2 km @ 20 °C Electrical resistance oscient wire (Power) 2.4 km @ 20 °C Carrent load capacity (wire wire) 2.4 kV @ 0.9 Power (Power) 2.0 km @ 20 °C Max. rate voltage (wire - wire) 2.4 kV @ 0.9 Dorent resistance oscient wire (Power) <td< td=""><td>Conductor crosssection (wire)</td><td>0,34 mm²</td></td<>	Conductor crosssection (wire)	0,34 mm ²
Traversing Salances (C track) 5 m Traversing Salances (C track) 3 Material wire insulation (Power) 1.8 mm Tocker dameter wire insulation (Power) 1.8 mm Traversing Salances (C track) 5 % Show hardness wire insulation (Power) 0.9 % Material properties wire insulation (Power) 0.9 % Material properties wire insulation (Power) 0.2 mm Wire conductor or section (Power) 0.2 mm Wire conductor cross section (Power) 0.2 mm Wire conductor cross section (Power) 0.2 mm Wire conductor cross section (Power) Strand class 5 Material advectory in Power) Strand class 5 Max. rated voltage (conductor - contuch) 30 V Current Goat Capacity (min. wire) 4 A Loop resistance 7,8 A Electrical resistance nice nortant wire) 24 W @ 60 a Power Hystery Withard Voltage (wire - fixe) 24 W @ 60 a Min. operafing temperature fixed, Wire) 24 W @ 60 a Conductor cross section (Power) 30 °C Min. operafing temperature fixed, Wire) 24 W @ 60 a <	Material conductor wire	Stranded copper wire, bare
Tasel speed (C-task) 3 Matural wire insulation (Power) PVC Outer dameter wire insulation (Power) 1.8 mm Tolerace outer diameter wire insulation (Power) 435 Shore D Shore Fachenses wire insulation (Power) 435 Shore D Maturial properties wire insulation (Power) 16 me Ingredient Freeness wire insulation (Power) 16 me Diameter diagnet wires (Power) 24 Diameter diagnet wires (Power) 0.7 mm Wire conductor cross section (Power) 0.7 mm Wire conductor vices section (Power) 0.7 mm Wire conductor vices section (Power) 0.7 mm Candutor vige wire (Power) 0.7 mm Max. rated voltage (conductor) 000 V Current back capacity (min. wire) 4 A Loper resistance 7.0 A	Conductor type (wire)	Strand class 5
Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1,8 mm Tolerance sture (insulation (Power) 45 % Shore hardness wire insulation (Power) 435 Shore D Material properties wire insulation (Power) 435 Shore D Material properties wire insulation (Power) iead-free, cadmium-ree, CFC-free, silicone-free Anount stands wire (Power) 0.2 mm Wire concluctor cose sectors (Power) 0.7 mm ² Material conductor wire (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Current load capacity (strandwr) Io IN VDE 0298-4 Current load capacity (strandwr) 10 IN VDE 0298-4 Current load capacity (strandwr) 26 D/m @20 °C CA vertisated voltage (owner) 28 D/m @20 °C CA vertisated voltage (wire - wire) 24 V@ 60 s Power frequency withstand voltage (wire) 24 V@ 60 s Power frequency withstand voltage (wire) 24 V@ 60 s Power frequency withstand voltage (wire) 24 V@ 60 s Power frequency withstand voltage (wire) 24 V@ 60 s Power frequency withstand voltage (wire) 21 V@ 60 s </td <td>Traversing distance (C-track)</td> <td>5 m</td>	Traversing distance (C-track)	5 m
Outer diameter wire insulation (Power) 1,8 mm Tolerance outer diameter wire insulation (Power) 45 % Store Interdness wire insulation (Power) 4345 Shore D Matrial properties wire insulation (Power) lead-free, cadmium-free, CPC-free, silicone-free Amount strands wire (Power) 24 Diameter d'single wires (Power) 0,2 mm Wire conductor cross section (Power) 0,7 mm² Masrial grouppeties (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Current load capacity (Strande copper wire, bare Conductor vire (Power) Current load capacity (Strande Copper wire, bare Conductor vire) Current load capacity (Strande Conductor - conductor) 300 V Current load capacity (Strande Conductor - conductor) 300 V Current load capacity (Strande Wire) 4 A Loop resistance 7,8 A Electrical resistance line constant wire 57 G/Im @ 20 °C Ac withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire- scate) 30 °C Operating temperature (max, Gynamic) 7 °C Filam resistance Goud, app	Travel speed (C-track)	3
Tolerano suber diameter wire insulation (Power) 43:5 Shore D Shore hardness wire insulation (Power) 43:5 Shore D Material properties wire insulation (Power) good machinability Ingradient fremens wire insulation (Power) 64:4 Diameter of single wires (Power) 24 Diameter of single wires (Power) 0.75 mm² Material conductor wire (Power) Strand class 5 Max, rate voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 5 / OAm @ 20 ° C AG withstand voltage (vire - wire) 2 kV @ 60 s Man. oparating temperature (standard) 30 ° C </td <td>Material wire insulation (Power)</td> <td>PVC</td>	Material wire insulation (Power)	PVC
(Power) 15 % Matorial properties wire insulation (Power) 920 drachinability Ingredient freeness wire insulation (Power) 624 free, cadmum-free, CPC-free, silicone-free Andumit stands wire (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm² Material conductor vires (Power) Dismeter of single wires (Power) Material conductor vires (Power) Strande copper wire, bare Conductor vires were (Power) Strande copper wire, bare Conductor vire (Power) Strande copper wire, bare Canduator type were (Power) Strande copper wire, bare Canduator vire (Power) Strande copper wire, bare Canduator social were (Power) Strande copper wire, bare Canduator type were (Power) Strande copper wire, bare Canduator social were (Power) Strande copper wire, bare Canduator top were (Power) Strande Note Power Current load capabily fitt wire 4.A Loop resistance 7.8 A Electrical resistance line constant wire 5.7 Ckm @ 20 °C Electrical resistance coating wire (Power) 80 °C Gowar frequency withstand voltage (wire- social wire (Power)	Outer diameter wire insulation (Power)	1,8 mm
Material properties wire insulation (Power) good machinability Ingredient Treeness wire insulation (Power) lead-free. cafmium-free. CFC-free, silicone-free Amount stands wire (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ³ Material conductor vires (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Gonductor type wire (Power) Strand class 5 Max, rated voltage (conductor - conductor) 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 D/m @ 20 °C AC withstand voltage (wire - vie) 2 kV @ 60 s View 0 view 0 30 °C Operating temperature (static) -30 °C Operating temperature (mind) 5 °C Operating temperature (static) -30 °C		±5 %
Ingredient freeness wire insulation (Power) Tead-free, cadmium-free, CPC-free, silicone-free Amount strands wire (Power) 24 Diameter of single wires (Power) 0,2 mm Wire conductor vice (Power) Stranded copper wire, bare Conductor by wire (Power) Stranded copper wire, bare Conductor by wire (Power) Stranded copper wire, bare Conductor by wire (Power) Stranded case 5 Max. rated voltage (conductor - conductor) 300 V 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 X W @ 03 °C AC withstand voltage (wire - wire)	Shore hardness wire insulation (Power)	43±5 Shore D
Amount strands wire (Power) 24 Darneter of single wires (Power) 0.2 mm Wite conductor coss section (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current coal capacity (standard) to DIN VDE 0288-4 Current coal capacity (standard) to DIN VDE 0289-4 Ac withstand voltage (wire - wire) 7.8 A Electrical resistance Colkm @20 °C AC withstand voltage (wire - wire) 2.1 V @ 60 s Min: operating temperature (static) -30 °C Max: operating temperature (static) -5 °C Operating temperature max. (dynamic) 70 °C	Material properties wire insulation (Power)	good machinability
Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) Strand doass 5 Material conductor wire (Power) Strand dass 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0299-4 Current load capacity (standard) to DIN VDE 0299-4 Current load capacity (standard) to DIN VDE 0299-4 Electrical resistance line constant wire 7.8 A Electrical resistance line constant wire 5.7 Ω Km @ 20 °C Electrical resistance line constant wire 8.7 Ω W @ 60 s Power frequency withstand voltage (wire - wire) 2.1 V @ 60 s Power frequency withstand voltage (wire - are) 2.1 V @ 60 s Min. operating temperature (take) 30 °C Mex. operating temperature (take) 80 °C Operating temperature (take) 5.0 C Operating temperature (take)	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) 300 V Max. rated voltage (conductor - ground) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (standard) to DN VDE 0298-4 Current load capacity min. wire 4 A Loop resistance 7,8 A Electrical resistance coating wire (Power) 2 RUM @ 20 °C Electrical resistance coating wire (Power) 2 RUM @ 20 °C AC withstand voltage (wire - wire) 2 KV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature max. (dynamic) -5 °C	Amount strands wire (Power)	24
Material conductor wire (Power) Strand dopper wire, bare Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Gurrent 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 Cadrestiance 7.8 A Electrical resistance ine constant wire 57 0.km @ 20 °C AC withstand voltage (wire - wire) 2.kV @ 60 s Power frequency withstand voltage (wire) 2.kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature (static) -5 °C Operating temperature (static) -0 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gorier esistance Good, application-related testing Garding radius (fixed) 5 × Curre diameter Tavel speed (C+track) 2 Mio	Diameter of single wires (Power)	0,2 mm
Conductor type wire (Power)Strand class 5Max. rated voltage (conductor - conductor)300 VMax. rated voltage (conductor - conductor)300 VCurrent to ad capacity (standard)to DIN VDE 0298-4Current to ad capacity (standard)to DIN VDE 0298-4Current to ad capacity (standard)to DIN VDE 0298-4Current to ad capacity min. wire4 ALoop resistance7.8 AElectrical resistance line constant wire57 Okm @ 20 °CElectrical resistance coating wire (Power)2 kV @ 60 sPower frequency withstand voltage (wire - vire)2 kV @ 60 sMin. operating temperature (static)-30 °COperating temperature (static)-5 °COperating temperature (static)-5 °COperating temperature (static)-5 °COperating temperature (static)-5 °COperating temperature (static)-6 °COperating temperature (static)	Wire conductor cross section (Power)	0,75 mm ²
Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current toad capacity inti, wire 4 A Loop resistance 7.8 A Electrical resistance contage 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 Power frequency withstand voltage (wire - ack wire) 30° C Max. operating temperature (static) -30° C Operating temperature (static) -30° C Max. operating temperature (static) -30° C Operating temperature (static) -30° C Good, application-related testing Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Obit esistance Good, application-related testing Obit esistance Good, application-related testing Dit esistance Good, application-related testing Dit esistance Good, application-related testing		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 line constant wire 57 D/km @ 20 °C Electrical resistance conting wire (Power) 28 D/km @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 70 °C Filame resistance Good, application-related testing Gasoline resistance Good, application-related testing Garading resistance Good, application-related testing Oil resistance Good, application-related testing Dir resistance Good, application-related testing Dir resistance Good, application-related testing Concont		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 (no 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 - iacket) -30 °C Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature (nin, (dynamic) -5 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing <t< td=""><td>Max. rated voltage (conductor - conductor)</td><td>300 V</td></t<>	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. wire 4 A Loop resistance 7.8 A Electrical resistance line constant wire 57 Ωkm @20 °C Edextrical resistance coaling wire (Power) 26 Ωkm @20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jacket) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -5 °C Opperating temperature (static) -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 Dil resistance Good, application-related testing Dil resistance Good, application-related testing Dil resistance<	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) 2 kV @ 60 s 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 (static) -30 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (static) -5 °C Operating temperature (static) -0 °C Electrical resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Dil resistance Good, application-related testing Dil resistance Good, application-related testing Colt contact free Z Mio. Electrical resistance Good, application-related testing Good pol	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) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (max. (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 IDI NEN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 2 Mio. Connection type 2 Family construction form Family construction form free cable end No. of poles 7 Gande Gaoding Color contact carrier black Coolor oples 4 PiN 2 n.c. PiN 3 -	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) 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 UL 1551 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 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 Travel speed (C-track) 2 Mio. Connection type 2 Family construction form Family construction form free cable end No. of poles 7 Famile Color contact carrier black Coding No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 -	Loop resistance	7,8 A
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - jackel) 2 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 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. Connection type 2 - Family construction form free cable end No: of poles 7 Family construction form M12 Gender female Color contact carrier black Coding A No: of poles 4	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 (iked) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Diar resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 2 Mic. Connection type 2 Family construction form Family construction form M12 Gender female Codir Good Codir A No. of poles 7 Family construction form M12 Gender female Codir Goid PiN 1 + PiN 2 n.c. PiN 3 <	Electrical resistance coating wire (Power)	26 Ω/km @20 °C
jacket)Z N 00 00 0Min. operating temperature (static)-30 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio.Connection type 2Family construction formfree cable endNo. of poles7Family construction formM12GenderfemaleColir contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (fixed)5 x Outer diameterTravel speed (C-track)2 Mio.Connection type 2Family construction formfree cable endNo. of poles7Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-		2 kV @ 60 s
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GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-	No. of poles	7
Color contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-	Family construction form	M12
Coding A No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 -	Gender	female
No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 -	Color contact carrier	black
PIN 1 + PIN 2 n.c. PIN 3 -	Coding	A
PIN 2 n.c. PIN 3 -	No. of poles	4
PIN 3 -	PIN 1	+
	PIN 2	n.c.
	PIN 3	· .
PIN 4 NO S 1	PIN 4	NO S 1
PIN 5 PE	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: 2024-05-03

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