

PASSIVE-DI0° PLASTIC,8XM12.4POL,PRE-WIRED CABLE

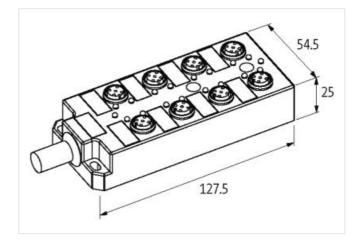
10.0m PUR-JB 8*0,34+3*0,75

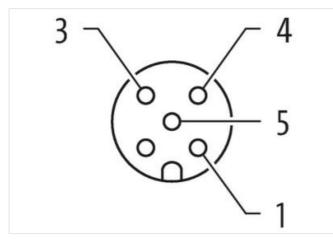
8-way, 4-pole PUR/PVC 10.0 m with LED for digital PNP-signals 24 V DC Further cable lengths on request. Plastic housings with good resistance against chemicals and oils.

Link to Product









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 | |

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: 2024-05-06

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| ETIM-5.0 | EC002585 |
|--|---|
| customs tariff number | 85444290 |
| GTIN | 4048879062794 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC | 24 V |
| Current operating per contact max. | 4 A |
| Total current max. | 10 A |
| Industrial communication | |
| Number of signals per port | 1 |
| 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 | |
| Mounting method | Schraubgewinde |
| Height | 127,5 mm |
| Width | 54,5 mm |
| Depth | 25 mm |
| | 25 mm |
| Environmental characteristics Climatic | |
| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °C |
| 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 |
| Amount wires | 8 |
| 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 |
| | |

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| Conductor crossauction (wint) 0.34 mm ² Tavarding diffusion (Straid) 5 m @ 25 °C Material conductor wine Stranded copper wine, bare Conductor yine Stranded copper wine, bare Conductor yine Stranded copper wine, bare Conductor wine Stranded copper wine, bare Conductor yine Non Toferance octed diameter wine insulation (Power) 45 % Stron hardness wine insulation (Power) 424 SS Stron D Diameter of insign wine (Power) 241 Diameter of insign wine (Power) 241 Diameter of insign (Power) 241 Diameter of insign (Power) Stranded copper wine, bare Winter conductor wine (Power) Stranded copper wine, bare Consultor type wine (Power) | Diameter of single wires | 0,15 mm |
|---|---|--|
| Material conductor wine Stranded coppor wine, bare Conductor type (wine) Strand class 5 Twair appeed (Ctrack) 3 Material wine insulation (Power) PVC Could clamoter wine insulation (Power) 45 % Store insulation (Power) 425 Shore D Material archardess wine insulation (Power) 425 Shore D Material archardess wine insulation (Power) 424 Shore D Dameter of single wine (Power) 18 mm. Conductor your wine insulation (Power) 0.2 mm Wine conductor or wine (Power) 0.75 mm ⁴ Material conductor wine (Power) 0.75 mm ⁴ Material conductor or wine (Power) 0.75 mm ⁴ Mar. rated vallage (conductor - conductor) 300 V Current load capacity min. wine 4 A Current load capacity min. wine 7 A AC with archard vallage (conductor - conductor) 300 V Ac with archard vallage (wine) 2 kV @ 00 s < | Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wine Stranded coppor wine, bare Conductor type (wine) Strand class 5 Twair appeed (Ctrack) 3 Material wine insulation (Power) PVC Could clamoter wine insulation (Power) 45 % Store insulation (Power) 425 Shore D Material archardess wine insulation (Power) 425 Shore D Material archardess wine insulation (Power) 424 Shore D Dameter of single wine (Power) 18 mm. Conductor your wine insulation (Power) 0.2 mm Wine conductor or wine (Power) 0.75 mm ⁴ Material conductor wine (Power) 0.75 mm ⁴ Material conductor or wine (Power) 0.75 mm ⁴ Mar. rated vallage (conductor - conductor) 300 V Current load capacity min. wine 4 A Current load capacity min. wine 7 A AC with archard vallage (conductor - conductor) 300 V Ac with archard vallage (wine) 2 kV @ 00 s < | Traversing distance (C-track) | 5 m @ 25 °C |
| Tavel speci (C'rack) 3 Material wire insulation (Power) I.A mm Toterance outer dameter wire insulation (Power) 4.5 % Stroce hundress wire insulation (Power) 4.25 Shore D Material properties wire insulation (Power) 4.84 Shore D Material properties wire insulation (Power) 4.84 Shore D Material properties wire insulation (Power) 4.84 Shore D Material properties wire insulation (Power) 2.4 Cmm Dimeter of single wires (Power) 0.2 mm Wire conductor cross section (Power) D.75 mm² Material conductor wire (Power) Strand class 5 Max. raid voltage (conductor - conductor) 300 V Current load capacity (strandrat) 100 DN VDE 028-4 Current load capacity (strandrat) 10 DN VDE 028-4 Current load capacity (strandrat) 50 N Max. raids voltage (conductor - conductor) 300 V Current load capacity (strandrat) 10 DN VDE 028-4 Current load capacity (strandrat) 50 Nm @ 20 °C Current load capacity (strandrat) 20 NC Ac with and voltage (wire - wire) 24 VØ @ 0 s Min: apprasity (s | | Stranded copper wire, bare |
| Tavel specif (C-tack) 3 Material wire insulation (Power) PVC Outer dimenter wire insulation (Power) 1.8 mm Tolerance outer diameter wire insulation (Power) 4.5 Shore D Material properties wire insulation (Power) 425 Shore D Material properties wire insulation (Power) 424 Shore D Material properties wire insulation (Power) 24 Diameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 1.5 mm² Material is opperties wire (Power) Strand class 5 Material conductor wire (Power) Strand class 5 Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Current to ad capacity (strandrad) to DIN VDE 0289.4 Corrent to ad capacity (strandrad) to DIN VDE 0289.4 Current to ad capacity (strandrad) to DIN VDE 0289.4 Current to ad capacity (strandrad) to DIN VDE 0289.4 Current to ad capacity (strandrad) to DIN VDE 0289.4 Current to ad capacity (strandrad) to DIN VDE 0289.4 Current to ad capacity (strandrad) to DIN VDE 0289.4 | Conductor type (wire) | Strand class 5 |
| Material wire insulation (Power) PVC Outer diameter wire insulation (Power) 1,8 mm Tokarne outur diamoler wire insulation (Power) 900 machinability Ingredient freeness wire insulation (Power) 900 machinability Ingredient freeness wire insulation (Power) 900 machinability Ingredient freeness wire insulation (Power) 924 Amount stands wire (Power) 0.27 mm Material conductor wire (Power) 0.75 mm ² Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Canductor type wire (Power) Stranded copper wire, bare Canductor type wire (Power) Strand copper wire, bare Canductor type wire (Power) Strand copper wire, bare Canductor type wire (Power) Strande copper co | | 3 |
| Outer diameter wire insulation (Power) 1.8 mm Totigrance outer diameter wire insulation (Power) 455 % Shore hardness wire insulation (Power) 4455 Shore D Material properties wire insulation (Power) 1845 Fore D Material properties wire insulation (Power) 1845 Fore D Material properties wire insulation (Power) 1845 Fore D Dameter of single wires (Power) 0.2 mm Diameter of single wires (Power) 0.75 mm² Max rated voltage (conductor - conductor) 500 V Max, rated voltage (conductor - conductor) 300 V Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard) to DIN VDE 0298-4 Current to ad capacity (stinatard wire) 70 Am @20 °C Ac wirts ad voltage (wire, wire) 24 VØ @ 00 °C Ac wirts ad voltage (wire, wire) | | PVC |
| Tolerance autor diameter wire insulation (Power) 45.5 % Shore hardness wire insulation (Power) 643.5 Shore D Material properties wire insulation (Power) 643.6 Shore D Imgredent freeses wire insulation (Power) 0.2 mm Wire conductor costs section (Power) 0.7 mm² Material conductor wire (Power) 0.7 mm² Material conductor wire (Power) Stranded copper wire, bare Conductor view (Power) Stranded copper wire, bare Conductor view (Power) Stranded copper wire, bare Contract view (Power) Stranded copper wire, bare Contract view (Power) Stranded copper wire, bare Contract view (Power) Stranded copper wire, bare Current load capacity min, wire 4 A Loop resistance T/8 A Electrical resistance ocating wire (Power) 24 KV @ 60 s Advithstand voltage (wire - wire) 24 KV @ 60 s Min. operating temperature (statc) -30 °C Copperating temperature min. (marine) 5 °C Opprating temperature min. (marine) 5 °C Opprating temperature min. (marine) 5 °C Opprating temperature min. (| | |
| Material properties wire insulation (Power) good machinability Ingredient treeness wie insulation (Power) 24 Dameter of single wires (Power) 0.2 mm Wire conductor cross section (Power) 0.75 mm ² Material conductor wire (Power) Strand do copper wire, bare Conductor type wire (Power) Strand do copper wire, bare Conductor rese section (Power) Strand do copper wire, bare Conductor rese section (Power) Strand do copper wire, bare Conductor rese section (Power) Strand do copper wire, bare Conductor rese section (Power) Strand do copper wire, bare Conductor resolution (Power) Strand copper wire, bare Conductor resolution (Power) Strand copper wire, bare Current load capacity (strandard) to DIN VDE 0298-4 Loop resistance 7.8 A Electrical resistance coating wire (Power) 2.4 W @ 60 s Power frequency withstand voltage (wire- socket) 2.4 W @ 60 s Mix. operating temperature (resa 60 s Gorating temperature (resa 60 s Mix. operating temperature (resa 60 s Gorating temperature (resa 60 s </td <td>Tolerance outer diameter wire insulation</td> <td>±5 %</td> | Tolerance outer diameter wire insulation | ±5 % |
| Ingredient freeness wire insulation (Power) lead-free, cadmium-free, CFC-free, silicone-free Amount Strands wire (Power) 24 Diameter of Singe wires (Power) 0,2 mm Wire conductor wire (Power) Stranded copper wire, bare Conclustor tywire (Power) Stranded copper wire, bare Concent load capacity (strandsrd) to DIN VDE 0298-4 Current load capacity (strandsrd) to CIN Dop resistance to SIN (strandsrd) Constant or wites (wire) 2 | Shore hardness wire insulation (Power) | 43±5 Shore D |
| Ingredient freeness wire insulation (Power) lead-free, cadmium-free, CFC-free, silicone-free Amount Strands wire (Power) 24 Diameter of Singe wires (Power) 0,2 mm Wire conductor wire (Power) Stranded copper wire, bare Conclustor tywire (Power) Stranded copper wire, bare Concent load capacity (strandsrd) to DIN VDE 0298-4 Current load capacity (strandsrd) to CIN Dop resistance to SIN (strandsrd) Constant or wites (wire) 2 | Material properties wire insulation (Power) | good machinability |
| Amount strands wire (Power) 24 Dianeter of single wires (Power) 0,75 mm ³ Material conductor vire (Power) Stranded copper wire, bare Conductor type wire (Power) Stranded copper wire, bare Conductor vire (Power) Stranded copper wire, bare Construction (Power) Stranded copper wire, bare Current load coppacity min. wire 4 A Loop resistance 7,8 A Electrical resistance costing wire Str.Okm @ 20 °C AC withstand voltage (wire - wire) 2 kV @ 60 s Min. operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -30 °C Operating temperature (static) -5 °C Operating temperature min. (stynamic) 70 °C | | |
| Diameter of aingle wires (Power) 0,2 mm Wire conductor cross section (Power) 0.75 mm ² Marrial conductor vires (Power) Strand class 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 0238-4 Electrical resistance 70 A Electrical resistance 2 kV @ 60 s Aver with stand voltage (wire - with standard (wir | | |
| Wire conductor cross section (Power) 0,75 mm ⁴ Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) 300 V Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (strander) to DN VDE 0298-4 Current load capacity (strander) to DN VDE 0298-4 Current load capacity (strander) 57 DAm @ 20 °C Electrical resistance coating wire (Power) 28 DAm @ 20 °C Electrical resistance coating wire (Power) 28 DAm @ 20 °C AC withstand voltage (wire - wire) 2 AV @ 60 s Power frequency withstand voltage (wire - accound wire) 2 AV @ 60 s AK operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Querating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Glassine resistance Good, application-related testing Glassine resistance Good, application-related testing <td></td> <td></td> | | |
| Material conductor wire (Power) Stranded copper wire, bare Conductor type wire (Power) Strand class 5 Max, rated voltage (conductor - conductor) 300 V Current load capacity (standard) to DIN VDE 0298-4 Correct load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Correct 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 Correct load capacity (standard) to DIN VDE 0298-4 Correct load capacity (standard) to DIN VDE 0298-4 Correct load capacity (standard) to C Context load bage (wire - wire) 2 kV Ø 60 s Power frequency withstand voltage (wire - galve) 2 kV Ø 60 s Jackel) 30 °C Operating temperature (static) 70 °C Flame resistance God, application-relatet testing Gasoli | | · |
| Conductor type wire (Power) Strand class 5 Max. rated voltage (conductor - conductor) 300 V Max. rated voltage (conductor - ground) 300 V Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (strandard) to DIN VDE 0298-4 Current load capacity (strandard) 26 D/km @ 20 °C Electrical resistance costing wire (Power) 26 D/km @ 20 °C Electrical resistance costing wire (Power) 26 D/km @ 20 °C Ac withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - iso of C 2 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Power frequency withstand voltage (wire - iso of C 151 § 1900 EC 60332-2-2 UL 1581 § 1100 FT2 Operating temperature (static) -30 °C Itam resistance Good, application-related testing Oli resistance Good, application-related testing Oli resistance Good, application-related testing DIN EN 60811-404 Bending radius (dynamic) 10 × Outer diameter Bending radius (dynamic) 10 × Outer diameter | . , | · |
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| Current load capacity min. wire 4 A Loop resistance 7.8 A Electrical resistance contig wire (Power) 26 O/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 Operating temperature (static) -5 °C Operating temperature (static) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oli resistance Good, application-related testing Oli resistance Good, application-related testing Di resistance Good, application-rela | | |
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| 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 min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing IDIN EN 60811-404 Bending radius (fixed) 5 × Outer diameter Bending radius (dynamic) 10 × 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 free cable end No. of poles 4 PiN 1 + PiN 2 n.c. PiN 3 - | • | |
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| Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackColingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Flame resistance | |
| Oil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackColor ontact carrierblackColor joles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | chemical resistance | |
| Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Gasoline resistance | |
| Bending radius (dynamic)10 x Outer diameterTravel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | | Good, application-related testing DIN EN 60811-404 |
| Travel speed (C-track)2 Mio. @ 25 °CConnection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | | 5 x Outer diameter |
| Connection type 2Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | | |
| Family construction formfree cable endNo. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Travel speed (C-track) | 2 Mio. @ 25 °C |
| No. of poles11Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Connection type 2 | |
| Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Family construction form | free cable end |
| Family construction formM12GenderfemaleColor contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | No. of poles | 11 |
| Color contact carrierblackCodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Family construction form | M12 |
| CodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Gender | female |
| CodingANo. of poles4PIN 1+PIN 2n.c.PIN 3-PIN 4NO S 1 | Color contact carrier | black |
| No. of poles 4 PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1 | | |
| PIN 1 + PIN 2 n.c. PIN 3 - PIN 4 NO S 1 | | |
| PIN 2 n.c. PIN 3 - PIN 4 NO S 1 | | |
| PIN 3 - PIN 4 NO S 1 | | |
| PIN 4 NO S 1 | | |
| | | NO S 1 |
| | PIN 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: 2024-05-06