

M12 male 0° A-cod. / MSUD valve plug B-10mm

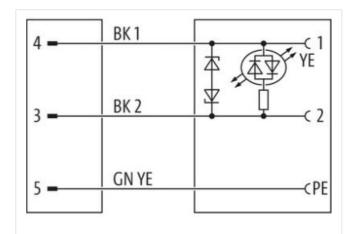
PUR 3x0.75 bk UL/CSA 10m

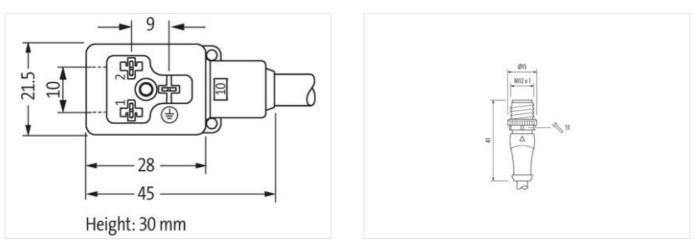
Form B (10 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product





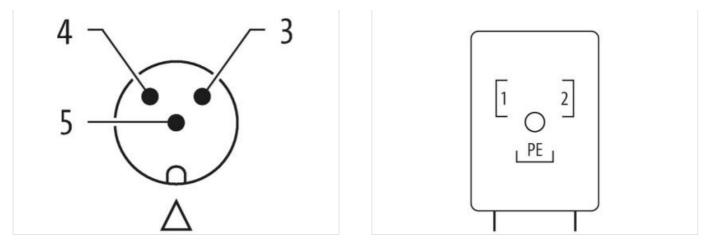




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Product may differ from Image



| Side 1 Tightening longue 0.6 Nm Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 nm Coding A No. of poles 3 Width acces flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque Tightening torque 0.4 Nm Family construction form MSUD B Thread M3 No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data Si ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.1 27279218 ECLASS 7.0 27279218 ECLASS 7.0.1 27060312 ECLASS 7.0.1 27060312 ECLASS 7.0.1 27060312 ECLASS 7.0.1 27060312 ECLASS 7.0 ECO01855 customs tariff number 8544290 GTIN 4048879147583 | Cable length | 10 m |
|--|--|----------|
| Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0,4 Nm Family construction form MSUD B Thread M3 No. of poles 3 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0,4 Nm Family construction form MSUD B Thread M3 No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.1 27060312 | Side 1 | |
| Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 | Tightening torque | 0,6 Nm |
| suitable for corrugated tube (internal Ø) 10 mm Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 | Family construction form | M12 |
| Coding A No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 IP67 Side 2 Image: State | Thread | M12 x 1 |
| No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 | suitable for corrugated tube (internal \emptyset) | 10 mm |
| Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Image: State of protection (EN IEC 60529) IP67 Family construction form MSUD B Image: State of protection (EN IEC 60529) IP67 Commercial data IP67 Image: State of protection (EN IEC 60529) IP67 Commercial data IP67 IP67 Image: State of protection (EN IEC 60529) IP67 Commercial data IP67 | Coding | A |
| Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0.4 Nm Family construction form MSUD B Thread Thread M3 Model No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-1.1 27060312 ECLASS-8.0 27279218 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 ECO01855 customs tariff number 85444290 EGIN EGIN GTIN 4048879147583 Packaging unit 1 Electrical data Ecurcical data Ecurcical data Ecurcical data Ecurcical data | No. of poles | 3 |
| Side 2 Tightening torque 0,4 Nm Family construction form MSUD B Thread M3 No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data Capacity CX | | SW13 |
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| Family construction form MSUD B Thread M3 No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 27279218 ECLASS-8.0 2727060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | Side 2 | |
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| No. of poles 3 Degree of protection (EN IEC 60529) IP67 Commercial data E ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data Capacity CX 20 ms | Family construction form | MSUD B |
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| ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | ECLASS-6.0 | 27279218 |
| ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | ECLASS-6.1 | 27279218 |
| ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | ECLASS-7.0 | 27279218 |
| ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | ECLASS-8.0 | 27279218 |
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| ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | ECLASS-10.1 | 27060312 |
| ETIM-5.0EC001855customs tariff number85444290GTIN4048879147583Packaging unit1Electrical dataCapacity CX20 ms | | 27060312 |
| customs tariff number 8544290 GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | | 27060312 |
| GTIN 4048879147583 Packaging unit 1 Electrical data 20 ms | | |
| Packaging unit 1 Electrical data 20 ms | | |
| Electrical data Capacity CX 20 ms | | |
| Capacity CX 20 ms | Packaging unit | 1 |
| | Electrical data | |
| Electrical data Supply | Capacity CX | 20 ms |
| | Electrical data Supply | |

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| Operating voltage AC | 24 V |
|--|--|
| Operating voltage AC min. | 19,2 V |
| Operating voltage AC max. | 28,8 V |
| Operating voltage DC | 24 V |
| Operating voltage DC min. | 18 V |
| Operating voltage DC max. | 30 V |
| Cut-off peak voltage max. | 55 V |
| Current operating per contact max. | 4 A |
| Diagnostics | |
| Status indication LED | yellow |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage | 0,8 kV |
| Material group (IEC 60664-1) | |
| Additional suppressor | Z-Diode |
| | |
| Mechanical data Material data | Nickeled |
| Coating locking | verzinkt |
| Locking screw coating | |
| Color housing | black |
| Material housing | Plastic |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12), DIN EN 175301-803 (MSUD) |
| Installation Cable | |
| Cable identification | 626 |
| Cable Type | 2 |
| Printing color of wire insulation | white (isolation black) |
| Jacket Color | black |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| wire arrangement | black 1, black 2, green-yellow |
| No. of bending cycles (C-track) | 2 Mio. @ 25 °C |
| Cable weigth | 55,33 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 85 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 5,9 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material inner jacket | PVC |
| Material wire insulation | PVC |
| Amount wires | 3 |
| Outer diameter insulation | |
| | 1,8 mm |
| Outer diameter tolerance core insulation | 1,8 mm ±5% |
| | |

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| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
|---|--|
| Printing color of wire insulation | white (isolation black) |
| Amount strands (wire) | 42 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,75 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | strand class 6 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 12 A |
| Electrical resistance line constant wire | 26 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage power (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) | 80 °C |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 |
| Bending radius (fixed) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |

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