

M8 male 0° A-cod. / MSUD valve plug C-8mm small

PVC 3x0.34 bk UL/CSA 1m

MSUD Form C (8 mm) – M8, male straight 24 V AC ±20% / DC ±25% 2-pole used LED and suppression

Further cable lengths on request.

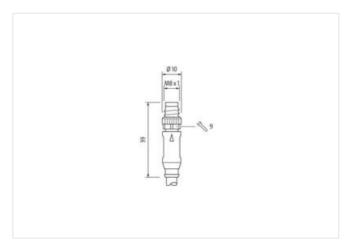
Plastic housings with good resistance against chemicals and oils.

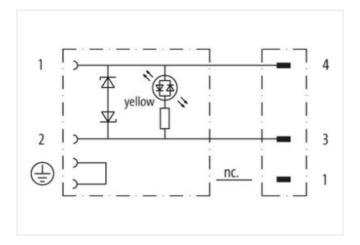
The resistance to aggressive media should be individually tested for your application. Further details on request.

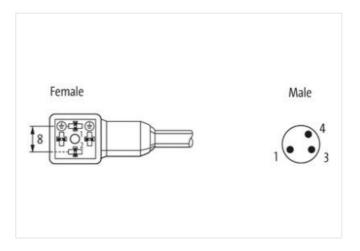
Link to Product

Illustration

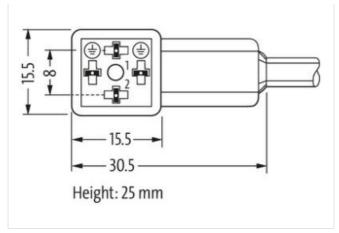












Product may differ from Image

| Side 1 Tightening torque 0.4 Nm Family construction form M8 Material W2.5 Material PUR Width across flats SW9 Side 2 Tightening torque M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-10.1 27060312 ECLASS-10.1 27060312 ECLASS-10.1 ACM | | |
|--|------------------------------------|---------------|
| Tightening torque 0,4 Nm Family construction form M8 Thread M2.5 Material PUR Width across flats SW9 Side 2 Tightening torque 0,4 Nm Thread M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060312 ECLASS-1.1 27060312 ECLASS-1.2 27060312 ECLASS-1.3 27060312 ECLASS-1.3 27060312 ECLASS-1.4 27060312 ECLASS-1.5 27060312 ECLASS-1.1 27060312 ECLASS-1.0 27079218 ECLASS | Cable length | 1 m |
| Family construction form M8 Thread M2.5 Material PUR Width across flats SW9 Side 2 Tightening torque 0,4 Nm Thread M8 x 1 Material PBT Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECTIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC min. 30 V Cut-off peak voltage max. | Side 1 | |
| Family construction form M8 Thread M2.5 Material PUR Width across flats SW9 Side 2 Tightening torque 0,4 Nm Thread M8 x 1 Material PBT Commercial date ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECTIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC min. 30 V Cut-off peak voltage max. | Tightening torque | 0,4 Nm |
| Material PUR Width across flats SW9 Side 2 Tightening torque 0.4 Nm Thread M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 CUSASS-12.0 27060312 ECLASS-12.0 27060312 GUIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V <t< td=""><td>Family construction form</td><td>M8</td></t<> | Family construction form | M8 |
| Side 2 Tightening torque 0.4 Nm Thread M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01855 coustoms tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage BC max. 30 V Cut-off peak voltage max. 55 V | Thread | M2.5 |
| Side 2 Tightening torque 0,4 Nm Thread M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC Operating voltage AC min. 19,2 V Operating voltage AC max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage BC max. 55 V | Material | PUR |
| Tightening torque 0,4 Nm Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECLASS-12.0 12000312 ECLASS-12.0 12000312 ECLASS-10.1 12 | Width across flats | SW9 |
| Thread M8 x 1 Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01855 cutosto stariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC min. 19.2 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Side 2 | |
| Material PBT Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. Drop-out delay time max. 20 ms Electrical data Supply Supply Operating voltage AC 24 V Operating voltage AC min. 19.2 V Operating voltage AC max. 28.8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC min. 30 V Cut-off peak voltage max. 55 V | Tightening torque | 0,4 Nm |
| ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECLASS-12.0 27060312 ETIM-5.0 ECLASS-10.1 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19.2 V Operating voltage AC 28.8 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Thread | M8 x 1 |
| ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECON855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC min. 19,2 V Operating voltage AC max. 28,8 V Operating voltage DC max. 30 V Cut-off peak voltage DC max. 30 V Cut-off peak voltage DC max. 30 V Cut-off peak voltage DC max. 55 V | Material | PBT |
| ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECO01855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28.8 V Operating voltage DC max. 30 V Cut-off peak voltage DC max. 30 V Cut-off peak voltage DC max. 55 V | Commercial data | |
| ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19,2 V Operating voltage AC max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage DC max. 55 V | ECLASS-6.0 | 27279218 |
| ECLASS-9.0 27060311 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19,2 V Operating voltage AC max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | 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 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply 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 | ECLASS-8.0 | 27279218 |
| ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28,8 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 35 V | ECLASS-9.0 | 27060311 |
| ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply 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 | ECLASS-10.1 | 27060312 |
| ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply 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 24 V Operating voltage DC 30 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | ECLASS-11.1 | 27060312 |
| Customs tariff number 85444290 GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply 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 ini. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | ECLASS-12.0 | 27060312 |
| GTIN 4048879119627 Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC max. 28,8 V Operating voltage DC at V Operating voltage DC at V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | ETIM-5.0 | EC001855 |
| Packaging unit 1 Electrical data Drop-out delay time max. 20 ms Electrical data Supply 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 30 V Cut-off peak voltage max. 55 V | customs tariff number | 85444290 |
| Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC Operating voltage AC min. Operating voltage AC max. Operating voltage AC max. Operating voltage DC Operating voltage DC Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | GTIN | 4048879119627 |
| Drop-out delay time max. 20 ms Electrical data Supply 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 34 V Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Packaging unit | 1 |
| Coperating voltage AC 24 V Coperating voltage AC min. 19,2 V Coperating voltage AC max. 28,8 V Coperating voltage DC 24 V Coperating voltage DC min. 18 V Coperating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Electrical data | |
| 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 | Drop-out delay time max. | 20 ms |
| 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 | Electrical data Supply | |
| 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 | Operating voltage AC | 24 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 | Operating voltage AC min. | 19,2 V |
| Operating voltage DC min. 18 V Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Operating voltage AC max. | 28,8 V |
| Operating voltage DC max. 30 V Cut-off peak voltage max. 55 V | Operating voltage DC | 24 V |
| Cut-off peak voltage max. 55 V | Operating voltage DC min. | 18 V |
| | Operating voltage DC max. | 30 V |
| Comment on another way and advantage and | Cut-off peak voltage max. | 55 V |
| Current operating per contact max. 4 A | Current operating per contact max. | 4 A |
| Diagnostics | Diagnostics | |
| Status indication LED yellow | Status indication LED | yellow |

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: 2024-06-26



stay connected

| Degree of protection (EN IEC 60529) | IP65, IP67, IP68, IP66K |
|--|---|
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage | 0,8 kV |
| Additional suppressor | Diode, Z-Diode |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Color housing | black |
| Material housing | Plastic |
| ocking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Nounting method | inserted, screwed |
| Environmental characteristics Climatic | |
| · | -25 °C |
| Operating temperature min. | |
| Operating temperature max. | 85 °C depending on cable quality |
| Additional condition temperature range | depending on cable quality |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| lote on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| vire arrangement | brown, black, blue |
| Cable identification | 613 |
| Cable Type | 1 |
| acket Color | black |
| ype of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 3 wires twisted |
| vire arrangement | brown, black, blue |
| Cable weigth | 34,1 g/m |
| Material jacket | PVC |
| Shore hardness jacket | 85 ± 5 Shore A |
| reedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, silicone-free |
| Outer-diameter (jacket) | 4,6 mm |
| olerance outer diameter (sheath) | ±5% |
| Material wire insulation | PVC |
| Amount wires | 3 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 45 ± 5 Shore D |
| Material properties wire insulation | good machinability |
| ngredient freeness wire insulation | lead-free, cadmium-free, CFC-free, silicone-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Nominal voltage AC max. | 300 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 6 A |
| Electrical resistance line constant wire | 57 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) | 80 °C |
| UV resistance | DIN EN ISO 4892-2 A |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| 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 |