

M12 male 90° A-cod. / MSUD valve plug B-10mm

PUR 3x0.75 gy UL/CSA+drag ch. 0.6m

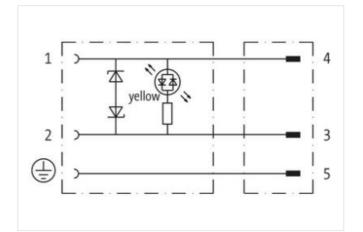
Form B (10 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

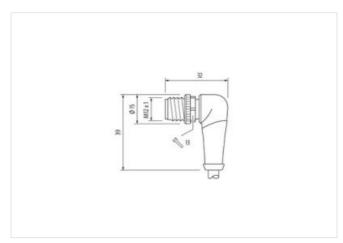
Link to Product

Illustration









Product may differ from Image



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: 2024-05-15

Murrelektronik B.V. | Takkebijsters 3 | 4817 BL Breda | Fon 085-22 20 282 | Fax 085-22 20 283 | shop@murrelektronik.nl | shop.murrelektronik.nl



Thread	МЗ
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Thread	M12 x 1
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
	27270240
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0 ECLASS-8.0	27279218 27279218
ECLASS-0.0 ECLASS-9.0	27060312
ECLASS-3.0 ECLASS-10.1	27060312
ECLASS-10.1 ECLASS-11.1	27060312 27060312
ECLASS-11.1 ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879147286
Packaging unit	1
Electrical data	
Capacity CX	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
Current operating per contact max.	4 A
Current consumption max.	12 mA
Diagnostics	
Status indication LED	yellow
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Rated surge voltage	0,8 kV
Mechanical data Material data	
Color housing	black
Material housing	Plastic
Mechanical data Mounting data	
Mounting method	inserted, screwed
Environmental characteristics Climatic	
Operating temperature min. Operating temperature max.	-25 °C 85 °C
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.
Note 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	

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Cable Type 9 Printing cabor of wire issulation white (isolation black) Jacket Cobr gray Type of Certificate cDRus Amount Standing 1 Stranding 3 wiros twisted wire arrangement black 1 black 2, green-yellow Cable weigh 56,1 g/m Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Outer diameter (isolabit) 2.5 % Value diameter (isolabit) 2.5 % Material jacket PUR Shore hardness jacket 90 = 5 Shore A Freedom from ingradients (acket) 1.8a-7res, candmun-free, CEC-free, halogen-free, silicone-free Outer diameter insulation 1.85 mm Toterance outer diameter insulation 1.85 mm Cuter diameter insulation 1.85 mm Under diameter insulation 1.85 mm Fining oot of wire insulation 1.92 ± Shore D Ingredent free-meas were insulation 1.85 mm Conductor type 0.75 mm? Conductor type <t< th=""><th>Cable identification</th><th>236</th></t<>	Cable identification	236
Jacket Color gray Type of Carificatio cURus Amount stranding 1 Stranding 3 wires wisted Wrier arrangement black 1. black 2. graen yullow Cable weigh 56,1 g/m Material jacked PUR Strane harchese jackel 90,5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1.95 rm Fining Outer of wire insulation 1.95 rm Diameter translation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing Outer of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing Outer of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing Outer of wire insulation vire insulation Cure of taingle wires<	Cable Type	3
Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted Wire arrangement black 1, black 2, green yellow Cable weight 56,1 gm Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingedents (jacket) 5,9 mm Tolerance outer diameter (lacket) 5,8 mm Tolerance outer diameter (lacket) 5,8 mm Outer diameter (lacket) 1,8 mm Outer diameter insulation PP Amount wires 3 Outer diameter insulation 1,8 mm Outer diameter insulation 1,6 mm Outer diameter insulation 1,6 mm Outer diameter insulation 1,6 mm Outer diameter insulation 1,0 mm Manut strands (wire) 42 Diameter diameter insulation witte (lacuation black) Amount strands (wire) 10 m @ 25 °C Introincatal Conductor type (wire) Stranded copper wire, DEC Conductor type (wire) Stranded copper wire, DEC Conductor type (wire) <td>Printing color of wire insulation</td> <td>white (isolation black)</td>	Printing color of wire insulation	white (isolation black)
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Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalNominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - iacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature max. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingGasoline resistanceDIN EN 60811-4041 [Good, application-related testingOil resistanceDIN X Outer diameterEnding radius (fixed)5 × Outer diameterEnding radius (fixed)5 × Outer diameterIrravel speed (C-track)10 Nic. @ 25 °CNo.forsion cycles2 Mio.Torsion stress± 180 °/m		
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No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m	Travel speed (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min

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: 2024-05-15

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