

M12 male 90° A-cod. / MSUD valve plug C-8mm

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

Form C (8 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression

Further cable lengths on request.

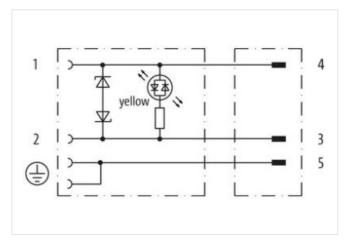
Plastic housings with good resistance against chemicals and oils.

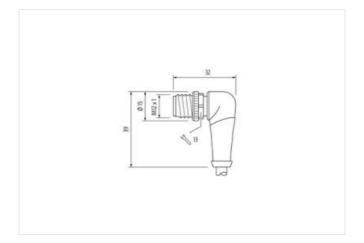
The resistance to aggressive media should be individually tested for your application. Further details on request.

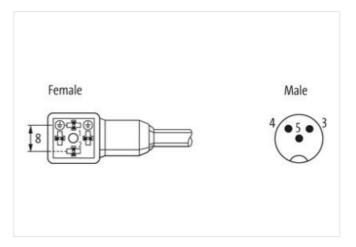
Link to Product

Illustration



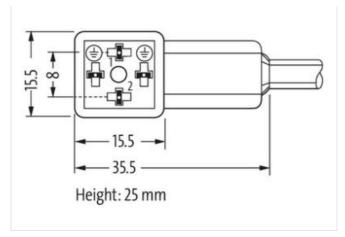








stay connected



Product may differ from Image



suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0.6 Nm Thread M12 x 1 Material PBT 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-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 27060312 ECLASS-15.0 ECO1855 customs tariff number 85444290	Cable length	0,6 m
Family construction form M12 Thread M2.5 suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0.6 Nm Thread M12 x 1 Material PBT 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-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ECIASS-10.1 404887948493 Packaging unit 1 Electrical data Capacity CX 20 ms	Side 1	
Thread	Tightening torque	0,4 Nm
suitable for corrugated tube (internal Ø) 10 mm Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0.6 Nm Thread Material PBT Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-12.0 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Supply	Family construction form	M12
Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Side 2 Tightening torque 0.6 Nm Thread M12 x 1 Material PBT Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 ECM SEA 44290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	Thread	M2.5
Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 February 1 Tightening torque 0,6 Nm Thread M12 x 1 Material PBT Degree of protection (EN IEC 60529) IP67 Commercial data February 1 ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 EC01855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529) IP67 Side 2 Tightening torque 0.6 Nm Thread M12 x 1 Material PBT Degree of protection (EN IEC 60529) IP67 Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060312 ECLASS-9.0 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	Material	PUR
Side 2 Tightening torque 0,6 Nm Thread M12 x 1 Material PBT 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-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	Width across flats	SW13
Tightening torque 0,6 Nm Thread M12 x 1 Material PBT 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-9.0 27060312 ECLASS-1.1 27060312 ECLASS-1.1.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 8544290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	Degree of protection (EN IEC 60529)	IP67
Thread M12 x 1 Material PBT 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-9.0 27060312 ECLASS-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ECLASS-10.0 27060312 ECLASS-10.1 27060312 ECLAS	Side 2	
Material PBT 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-9.0 27060312 ECLASS-10.1 27060312 ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data 20 ms Electrical data Supply	Tightening torque	0,6 Nm
Degree of protection (EN IEC 60529) IP67	Thread	M12 x 1
Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms	Material	PBT
ECLASS-6.0 27279218 ECLASS-6.1 27279218 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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms	Degree of protection (EN IEC 60529)	IP67
ECLASS-6.1 27279218 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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms	Commercial data	
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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	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 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	ECLASS-8.0	27279218
ECLASS-11.1 27060312 ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	ECLASS-9.0	27060312
ECLASS-12.0 27060312 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	ECLASS-10.1	27060312
ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	ECLASS-11.1	27060312
customs tariff number 85444290 GTIN 4048879484923 Packaging unit 1 Electrical data 20 ms Electrical data Supply Supply	ECLASS-12.0	27060312
GTIN 4048879484923 Packaging unit 1 Electrical data Capacity CX Electrical data Supply 20 ms	ETIM-5.0	EC001855
Packaging unit 1 Electrical data Capacity CX 20 ms Electrical data Supply	customs tariff number	85444290
Electrical data Capacity CX 20 ms Electrical data Supply	GTIN	4048879484923
Capacity CX 20 ms Electrical data Supply	Packaging unit	1
Electrical data Supply	Electrical data	
	Capacity CX	20 ms
Operating voltage AC 24 V	Electrical data Supply	
	Operating voltage AC	24 V



stay connected

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
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
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
Important installation notes	tipe to get time from y
	Detail the consistent has "table or consistent and be included as the three consistent time."
Note on strain relief Note on bending radius	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
	endangered by excessive bending forces.
Installation Cable	
Cable identification	236
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Traversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	56,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,85 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

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: 2024-05-08



stay connected

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
Nominal voltage AC max.	300 V
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
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min