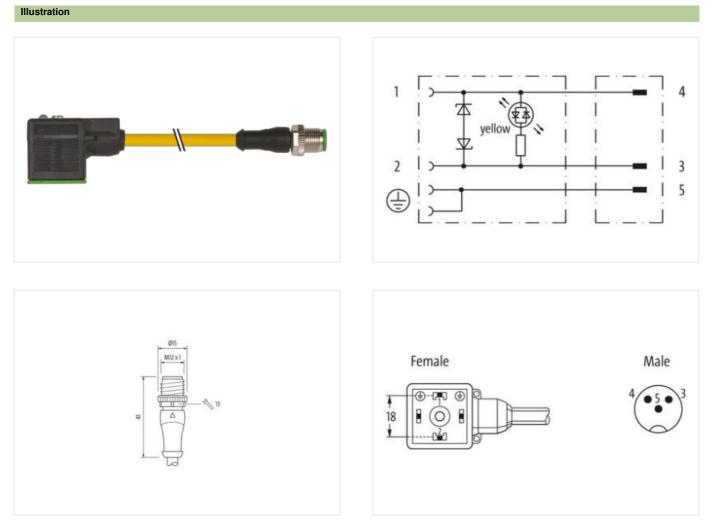


M12 male 0° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 ye UL/CSA+drag ch. 2.5m

Form A (18 mm) – M12, male straight 24 V AC ±20% / DC ±25% LED and suppression Bridged PE A-coded 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.

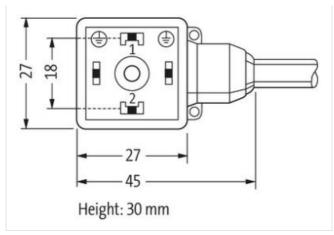
Link to Product



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Product may differ from Image



Side 1Tightening torque0.4 NmFamily construction formM12ThreadM3suitable for corrugated tube (internal Ø)10 mmMaterialPURWidth across flatsSW13Degree of protection (EN IEC 60529)IPOTSide 2FErghtening forque0.6 NmThreadM12 x 1MaterialPBTDegree of protection (EN IEC 60529)IPOTCommercial data27279218ECLASS-027279218ECLASS-8.027279218ECLASS-8.027279218ECLASS-9.027060312ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-12.027060312ECLASS-13.0E004185EURASS-14.0200418Packaging unit1Electrical dataElectrical dataElectrical data20 msElectrical data Suppi24 VOperating voltage AC min.18.2 V		
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Thread M3 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	0,4 Nm
suitable for corrugated tube (internal Ø)10 mmMaterialPURMidth across flatsSW13Degree of protection (EN IEC 60529)IP67Side 2Fightening torque0.6 NmThreadM12 x 1MaterialPBTDegree of protection (EN IEC 60529)IP67Commercial data27279218ECLASS-6.027279218ECLASS-7.027279218ECLASS-7.027279218ECLASS-10.127060312ECLASS-11.127060312ECLASS-12.027060312ETIM-5.0ECO01855austoms tariff number85444290Battarial404879435048Packaging unit1Etertical dataSuperseEtertical data20 msEtertical dataSuppleSuperse20 msEtertical data Supply24 VOperating voltage AC min.19.2 V	Family construction form	M12
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Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 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 Ecustoms tariff number 85444290 GTIN 4048879435048 Packaging unit 1 Electrical data Supply Drop-out delay time max. 20 ms Electrical data Supply 24 V Operating voltage AC min. 19,2 V	Material	PBT
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ETIM-5.0EC001855customs tariff number85444290GTIN4048879435048Packaging unit1Electrical data20 msDrop-out delay time max.20 msElectrical data Supply24 VOperating voltage AC min.19,2 V	ECLASS-11.1	27060312
customs tariff number 8544290 GTIN 4048879435048 Packaging unit 1 Electrical data 20 ms Electrical data Supply 20 ms Operating voltage AC 24 V Operating voltage AC min. 19,2 V	ECLASS-12.0	27060312
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Electrical data Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19,2 V	GTIN	4048879435048
Drop-out delay time max. 20 ms Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19,2 V	Packaging unit	1
Electrical data Supply Operating voltage AC 24 V Operating voltage AC min. 19,2 V	Electrical data	
Operating voltage AC 24 V Operating voltage AC min. 19,2 V	Drop-out delay time max.	20 ms
Operating voltage AC min. 19,2 V	Electrical data Supply	
	Operating voltage AC	24 V
Operating voltage AC max. 28,8 V	Operating voltage AC min.	19,2 V
	Operating voltage AC max.	28,8 V

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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.	15 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)	
Mechanical data Material data	
Coating locking	Nickeled
Color housing	black
Material gasket	PUR
Material housing	Plastic
Locking material	Zinc die-casting
5	
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	
Note on strain relief	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
Note on bending radius	endangered by excessive bending forces.
Installation Cable	
wire arrangement	black 1, black 2, green-yellow
Cable identification	036
Cable Type	3
Printing color of wire insulation	white (isolation black)
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
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
Printing color of wire insulation	white (isolation black)
Finally color of wire insulation	WING (SUIDIUI DIDUK)

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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 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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