

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

PUR 5x0.34 ye UL/CSA 10m

## ⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

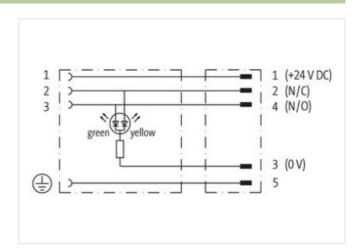
## MSUD

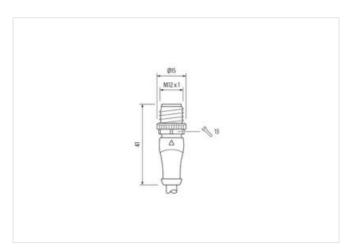
Form A (18 mm) – M12, male straight 24 V DC ±25% LED (yellow/green) for pressure switches Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

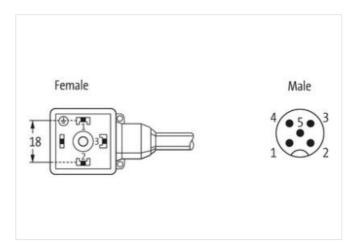
## Link to Product

Illustration









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: 2024-05-19

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Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	MSUD
Thread	M3
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	10 mm
Material	PBT
Width across flats	SW13
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	4048879539371
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V

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Diagnostics       Status indication LED     green, yellow       Device protection [Electrical     inserted, screwed       Additional condition protection degree     iserted, screwed       Pollution Degree     3       Rated surge voltage     0.8 kV       Material group (IEC 60664-1)     1       Mechanical data [Material data     Userted, screwed       Coating locking     Nickeled       Color housing     black       Material gasket     PUR       Material housing     Plastic       Locking method     inserted, screwed       Munting method     inserted, screwed       Everical data [Mounting data     Userted, screwed       Mechanical data [Mounting data     Screwed       Munting method     inserted, screwed       Everical data [Mounting data     Screwed       Munting method     inserted, screwed       Everical data [Mounting data     Scre </th <th>Current operating per contact max.</th> <th>4 A</th>	Current operating per contact max.	4 A
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Material pasket     PUR       Material housing     Plastic       Material housing     Plastic       Locking material     Zinc dis-casting       Mechanical data   Mounting data     inserted, screwod       Environmental characteristics   Climatic     Operating impensiture min.     -25 °C       Operating impensiture min.     -25 °C     -       Operating impensiture min.     -25 °C     -       Additional condition temperature range     depending on cable quality     -       Installation 1     55 °C     -     -       Cable identification     834     -     -       Jackat Color     blue     -     -     -       Type of Cartification     434     -     -     -     -       Amount stranding     1     -	Coating locking	Nickeled
Material     Plastic       Locking material     Zho cilo casting       Mechanical data   Mounting data     Inserted, screwed       Environmental characteristics   Climatic     Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Addinand condition (Insepreature range     depending on cable quality       Installation   Cable     Environmental characteristics   Climatic       Sched colori     Bule       Type of Cartificate     cURus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     2 Stranded joints twisted       Cable shielding (type 2)     5 °C       Dain wire (crose section)     22 AWG       wire arrangement     (while, blue), (black, red)       Cable weight     63.12 µm       Material jacket     PUF       Shore Andress jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     64 °m.       Cable weight     63.70       Material jacket     PUF	Color housing	black
Locking matorial     Zinc die casting       Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmenial characteristics   Climatic       Coperating temperature max.     85 °C       Additional condition temperature max.     85 °C       Cable identification     834       Jacket Color     blue       Type of Certificate     cURus       Amount stranding     1       Stranding     2 Stranded joints twisted       Cable shielding (coverage)     65 %       Banding     Fol       Drain wire (cross-section)     22 AVMG       wire arrangement     (white, blue), (black, red)       Cable weight     63 °S °C       Cable weight     63 °S °C       Cable weight     63 °S °C       Cable weight     65 %       Cable shieldin	Material gasket	PUR
Mechanical data   Mounting data       Mounting method     inserted, screwed       Environmental characteristics   Climatic     -25 °C       Operating temperature max.     86 °C       Additional condition temperature may.     depending on cable quality       Installation   Cable	Material housing	Plastic
Mounting method     inserted, screwed       Environmental characteristics / Climatic     25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Installation I Cable     Cable identification       Cable identification     834       Jacket Color     blue       Type of Certificate     CuFus       Amount stranding     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable sileding (coverage)     65 %       Eable sileding (coverage)     65 %       Eable sileding (coverage)     65 %       Cable sileding (type 2)     2 RWG       Cable sileding (type 3)     2 Stranded plants twisted       Cable sileding (type 3)     2 Stranded plants twisted       Cable sileding (type 4)     2 Stranded plants twisted	Locking material	Zinc die-casting
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Installation [Cobe     Example of the pending on cable quality       Cable identification     834       Jacket Color     blue       Type of colificate     cuRus       Anount stranding     1       Stranding (Ype 2)     2 stranded joints twisted       Cable shielding (type)     copper braid, finned       Cable shielding (type)     copper braid, finned       Cable weigh     63 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       Cable weigh     63.12 g/m       Material acket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (lacket)     6.9 m       Outer diameter (isket)     6.9 %       Material whe insulation     FE       Anount stranding (wires)     2.5 %       Duter diameter (isket)     1.5 % <	Mechanical data   Mounting data	
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature maye     depending on cable quality       Installation [Cobe     Example of the pending on cable quality       Cable identification     834       Jacket Color     blue       Type of colificate     cuRus       Anount stranding     1       Stranding (Ype 2)     2 stranded joints twisted       Cable shielding (type)     copper braid, finned       Cable shielding (type)     copper braid, finned       Cable weigh     63 %       Banding     Foil       Drain wire (cross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       Cable weigh     63.12 g/m       Material acket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (lacket)     6.9 m       Outer diameter (isket)     6.9 %       Material whe insulation     FE       Anount stranding (wires)     2.5 %       Duter diameter (isket)     1.5 % <	Mounting method	inserted, screwed
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Addiional condition temperature range     depending on cable quality       Installation   Cable     Installation   Cable       Cable identification     834       Jacket Color     blue       Type of Cartificate     cURus       Amount stranding     1       Stranding     2 wires twisted       Amount stranding (type 2)     1       Stranding (type 2)     2 Stranded joints twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Cable shielding (toverage)     65 %       Banding     Foil       Drain wire (tross-section)     22 AWG       wire arrangement     (white, blue), (black, red)       Cable shielding (tope)     63.12 (m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer diameter (jacket)     £ 5 %       Material jacket     PUR       Shore hard	-	
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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: 2024-05-19

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Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	± 53 %
Ingredient freeness wire insulation (Data)	lead-free, CFC-free, halogen-free
Amount wires (Data)	2
Amount strands wire (Data)	19
Diameter of single wires (Data)	22 AWG
Conductor crosssection wire (Data)	22 AWG
Material conductor wire (Data)	copper stranded wire, tinned
Electrical function wire (data)	Power
Traversing distance (C-track)	5 m
Travel speed (C-track)	1 Mio.
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Current load capacity min. Wire (Data)	6 A
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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 (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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