

MSUD VALVE PLUG FORM A 18MM

PUR 5X0.75 GRAY, UL/CSA, drag ch 7.5m

MSUD
Form A (18 mm)
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.

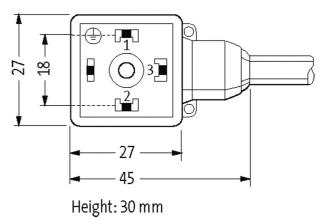
Link to Product

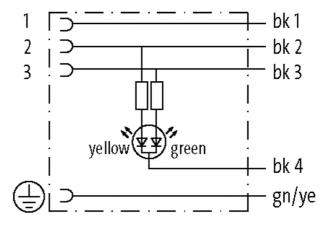
Illustration

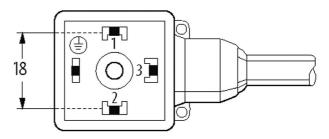


stay connected









Product may differ from Image

Approvals

cCSAus

* only for products with UL/CSA approved cable

Form



stay connected

Operating current per contact max. 4 A Locking of ports Mis (recommended forque 0.4 Nm) Housing Black plasts (gray on request) Protection IP07 inserted and lightneed (EN 60529) General data Temperature range -25+85.°C, depending on cable quality Cabbis Temperature range -25+85.°C, depending on cable quality Cabbis Vivia isolation PP (8 num. grays) Chack properties 10 Mo. PUR (ULCSA) Outer 0 7.0 mm ±5% PUR (ULCSA) Outer 0 7.0 mm ±5% PUR (ULCSA) Clabe of Cable identification (and proving) 10 voter 0 PUR (ULCSA) Clabe of Quality 4.0 + 80 °C PUR (ULCSA) Clabe of Quality 4.0 + 80 °C PUR (ULCSA) Clabe of Quality 4.0 + 80 °C PUR (ULCSA) Clabe of Quality 4.0 + 80 °C PUR (ULCSA) Cable in Type 3 (PUR) AUX (ULCSA) Cable in Type 3 (PUR) AUX (ULCSA) Cable weight (girll) 61 A0 AUX (ULCSA) Cable weight (girll) 6	Form	18141
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Housing Black plastic (gray on request) Protection (PF7 inserted and lightened (EN 60529) Ceneral date Temperature range 2-585 °C. depending on cable quality Cables No./diameter of wires 5-0.75 mm² Wire inselation PF Pb kmm, gnyo) C-track properties 10 Mio. Malarial (gabet) PUR (ULCSA) Cuter O 7.0 mm ±5% Bend radius (mowing) 10 x outer Ø Temperature range (fixed) 4-0.80 °C Cable identification 286 °C Cable identification 386 °C Cab	Operating current per contact	max. 4 A
Protection IP67 insented and sightened (EN 60529) General data Temperature range -25485 °C, depending on cable quality Cables No./diameter of wires 5 × 0.75 mm² Wife isolation PP (bk num. gnye) Carack properties 10 Mio. Material (jacket) PUR UL/CSA) Outer Ø 7.0 mm ±5½ Beand radius (moving) 10 × outer Ø Temperature range (fixed) 40480 °C Temperature range (mobile) 25480 °C Cable identification 28 Gabie Type 3 (PUH) Approval (cable) CURIS (AMM-style 20549/10493); CE conform Cable identification 28 Gabie Type 3 (PUH) Approval (cable) CURIS (AMM-style 20549/10493); CE conform Cable identification 28 Gabie Type 3 (PUH) Approval (cable) CURIS (AMM-style 20549/10493); CE conform Gabie Type 3 (PUH) Approval (cable) CURIS (AMM-style 20549/10493); CE conform Gabie Type 3 (PUH) M	Locking of ports	M3 (recommended torque 0.4 Nm)
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Material (jacket) PUR (ULCSA) Outer Ø 7.0 mm ±5% Bend radius (moving) 10 × outer Ø Temperature range (fixed) 40 - 80 °C Temperature range (mobile) 25 +80 °C Cable identification 238 Approval (cable) cURIus (AWM-Style 20549/10493); CE conform Cable weight (g/m] 81.40 Material (wire) Cu wire, bare Resistor (core) max ≥ 20 km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42 ≥ 0.15 mm (multi-strand wire class 6) Diameter (core) 5 × 0.75 mm² Material (wire isolation) PP Material (wire isolation) PP Material property (wire isolation) CFC , halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 70 ± D Wire-Ø (incl. isolation 5 wires twisted around central filler Shield no Material (property (jacket) 5 wires twisted around central filler Shield no Material property (jacket) CFC , halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine	Wire isolation	PP (bk num, gnye)
Outer Θ 7.0 mm ±5% Bend radius (moving) 10 × outer Θ Temperature range (fixed) 40+80 °C Temperature range (mobile) 25+80 °C Cable identification 238 Cable respective range (mobile) 0.0 PMR Approval (cable) CURIS (AWM-Style 20549/10493); CE conform Cable weight [g/m] 81.40 Material (wire) Cu wire, bare Resistor (core) max. 26 Ωkm (20 °C) Single wire Θ (core) 0.15 mm Construction (core) 42 × 0.15 mm (multi-strand wire class 6) Diameter (core) 5 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PP Wire Θ incit isolation) PP Wire Θ incit isolation 1.85 mm ±5% Color/mumbering of wires bk numbered, gnye longitudinally striped Shranding combination 5 wires twisted around central filler Shield no Material (property (jacket) PUR Affected (jacket) PUR Affected (jacket) 7.0 mm ±5% Color (C-track properties	10 Mio.
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Temperature range (fixed)	Outer Ø	7.0 mm ±5%
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Cable weight [g/m] 81,40 Material (wire) Cu wire, bare Resistor (core) max. 26 Ω/km (20 °C) Single wire Ø (core) 0.15 mm Construction (core) 42 × 0.15 mm (multi-strand wire class 6) Diameter (core) 5 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PP Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 7.0 ± 5.D Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ± 5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) 7.0 mm ±5% Color (jacket) good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance fl	Cable Type	3 (PUR)
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Single wire Ø (core) 0.15 mm Construction (core) 42 × 0.15 mm (multi-strand wire class 6) Diameter (core) 5 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PP Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 70 ± 5 D Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ± 5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC	Material (wire)	Cu wire, bare
Construction (core) 42 × 0.15 mm (multi-strand wire class 6) Diameter (core) 5 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PP Material property (wire isolation) 70 ±5 D Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Resistor (core)	max. 26 Ω/km (20 °C)
Diameter (core) 5 × 0.75 mm² AWG similar to AWG 18 Material (wire isolation) PP Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 70 ±5 D Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Single wire Ø (core)	0.15 mm
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Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	AWG	similar to AWG 18
Shore hardness (wire isolation) 70 ±5 D Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Material (wire isolation)	PP
Wire-Ø incl. isolation 1.85 mm ±5% Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Color/numbering of wires bk numbered, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Shore hardness (wire isolation)	70 ±5 D
Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ± 5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Wire-Ø incl. isolation	1.85 mm ±5%
Shield no Material (jacket) PUR Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Color/numbering of wires	bk numbered, gnye longitudinally striped
Material (jacket) Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Stranding combination	5 wires twisted around central filler
Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Shield	no
Material property (Jacket) resistant, hydrolysis and microbial resistant Shore hardness (jacket) 90 ±5 A Outer-Ø (jacket) 7.0 mm ±5% Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Material (jacket)	PUR
Outer-Ø (jacket) Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Material property (jacket)	
Color (jacket) gray chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Shore hardness (jacket)	90 ±5 A
chemical resistance good resistance to oil, gasoline and chemicals (EN 60811-404) thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Outer-Ø (jacket)	7.0 mm ±5%
thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Color (jacket)	gray
Nominal voltage 300 V AC Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage 2500 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	thermal resistance	flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Nominal voltage	300 V AC
Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours)	Test voltage	2500 V AC
	Current load capacity	to DIN VDE 0298-4
Temperature range (mobile) -25+80 °C, (+90 °C at max. 10 000 operating hours)	Temperature range (fixed)	-40+80 °C, (+90 °C at max. 10 000 operating hours)
	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)



Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	±180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Jacket Color	gray
Commercial data	
country of origin	CZ
customs tariff number	85444290
EAN	4048879189859
eClass	27279218
Packaging unit	1