

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

PUR 5x0.34 gy UL/CSA 1.5m

Form A (18 mm) - M12, male straight 24 V DC ±25%

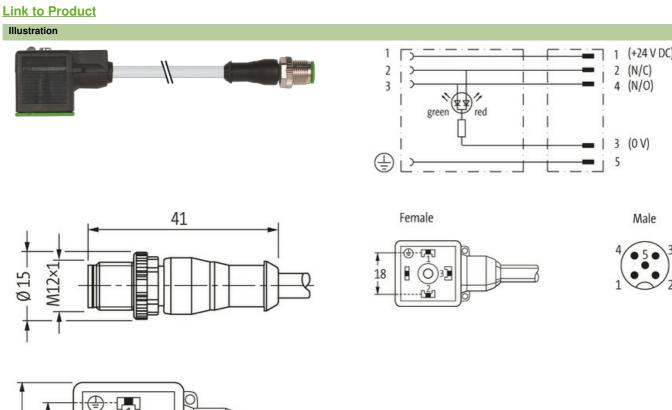
LED (red/green)

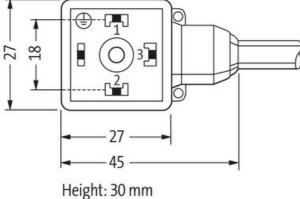
for pressure switches

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.





Product may differ from Image



* only for products with UL/CSA approved cable

Form



stay connected

Technical Data	Form	40921
Bated sury evaluage 0.8 kV Operating current per contact max. 4 A Locking of ports MSSM12x1 mm (recommended torque 0.40.6 Nm) Protection 1P67 invaried and lightered (EN 00529) Housing Black plastic gray on request) General data ************************************	Technical Data	
Operating current per contact max. 4 A Locking of porbs MSMT2-1 mm (recommended longue 0.40.6 Nm) Protection IPP67 insented and fightened (EN 60529) Housing Black plastic (gray on request) Cameral data Temperature range -25185 °C, depending on cable quality Cable identification 225 Cable identification 22 (PURPVC) Approval (cable) U. (AWM-Style 205491731), CSA, CE conform Cable interface (cable) U. (AWM-Style 205491731), CSA, CE conform Cable selegatin (gm) 54, 78 g Material (cable) O. viris, barre Single wire (order) max. 57 (Alam (20°C) Single wire (order) 0.1 mm Construction (core) 42 v. 0.1 mm (multi-arrand wire class 8) Dammeter (core) 5x 0.34 mm² AVIG arrand resistance Material property (invier solation) PVC Material property (invier solation) 43 ± 5 D Vire- Gir Lis isolation 1.25 mm ±5% Collectionation 1.25 mm ±5% Collectionation (arrand (arrand solation) 2.10 mm ±5% Co	Operating voltage	24 V DC ±25%
Decision of parts M3M12-1 mm (recommended lorque 0.4.0.8 km)	Rated surge voltage	0.8 kV
Protection P67 inserted and tightered (EN 60529)	Operating current per contact	max. 4 A
Housing Black plastic (gray on request)	Locking of ports	M3/M12×1 mm (recommended torque 0.4/0.6 Nm)
General data Tomporature range 25+85 °C, depending on cable quality Cables Cable (Incitation) 225 Cable Type 2 (PUR-PVC) Approval (cable) UL (AWWI-Style 205491731), CSA; CE conform Approval (cable) UL (AWWI-Style 205491731), CSA; CE conform Material (wite) Cu wire, bare Mesistor (core) max. 57 Ωkm (20 °C) Single wire Q (core) 0.1 mm Construction (core) 42 × 0.1 mm (multi-strand wire class 6) Dameter (core) 5.0.3 M mml² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) PVC Micro (Incit isolation) 2.5 mm ±5% Otto Interfrees (wire isolation) 43 ± 5 D Wire Ø (Incit isolation) 1.25 mm ±5% Otto Interfrees (wire isolation) 5 wires wisted around central filler Sheld no Material (property (saket) CFC -, bidiogen-, cadminum-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant. Hydrolysis and microbial resistant Shore hardness (gacket) D. 0 m	Protection	IP67 inserted and tightened (EN 60529)
Cabic Cabi	Housing	Black plastic (gray on request)
Cable (antification) 225 Cable (antification) 225 Cable Type 2 (PURIPYC) Approval (cable) UL (AWM Style 205491731), CSA; CE conform Cable weight (g/m) 54,78 g Material (wire) Cu wire, bare Resistor (core) max. 57 (Ncm (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42 • 0.1 mm (multi-strand wire class 6) Diameter (core) 5 × 0.34 mm² AWG similar to AWG 22 Material property (wire isolation) PVC Material property (wire isolation) CFC , cadmium , ellicone- and lead free Shore hardness (wire isolation) 1.25 mm ±5% Coloriumbering of wires br. bk. bl. wh. graye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material property (jackel) CFC-, hologon, cadmium , ellicone and lead free, matt, low-adhesion, machine easy to process, abrasion-resistant property (jackel) CFC-, hologon, cadmium , ellicone and lead free, matt, low-adhesion, machine easy to process, abrasion-resistant property (jackel) OFC-, hologon, cadmium , ellicone and lead free, matt, low-adhesion, machine easy to process, abrasion-resistant proper	General data	
Cable identification 225 Cable Type 2 (PURPVC) Approval (cable) U. (AWM-Style 20544/1731), CSA: CE conform Cable weight (pim) 54,78 g Material (wire) Cu wire, barre Resistor (core) ms. 27 (Akm (2017)) Single wire Ø (core) 0.1 mm Construction (core) 42 - 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 3.34 mm² AWG similar to AWG 22 Material (wire Isolation) PVC Material (wire Isolation) PVC Mirco and Isolation 1.25 mm 45% Color-tumbering of wires br. bk. bl. wh., gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (posel) PURPVC Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, mat, low-adhesion, machine easy to process, abrasion-resistant. Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, mat, low-adhesion, machine easy to process, abrasion-resistant. Material property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, mat, low-adhesion, machine easy to process,	Temperature range	-25+85 °C, depending on cable quality
Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight (g/m) 54.78 g Material (wire) Cu wire, bare Resistor (core) max. 57 (2Mm (20°C) Single wire of (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 5.0 34 mm² AWG smillar to AWG 22 Material property (wire isolation) PVC Material property (wire isolation) PVC Wire-3 incl. isolation 42 ± 5 D Wire-4 incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, grey longitudinally striped Stranding combination 5 wites twisted around central filler Shold no Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, tryotypis and microbal resistant Shore hardness (jacket) 80 ± 5 k (PVC-under jacket); 85 ± 5 k (PUR-jacket) Outer-0 (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) gray 1.5 mm ±5% <th< td=""><td>Cables</td><td></td></th<>	Cables	
Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 54,78 g Material (wire) Cu wire, bare Resistor (core) max, 57 Ω/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42 + 0.1 mm (multi-strand wire class 6) Diameter (core) 5 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 1.25 mm ±5% Color/unabering of wires br, bk, ll, wh, gryle longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PURPVC Material property (jacket) CFC-, halogen-, cadmium-, silcone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-restant, bydroysis and microbial resistant Shore hardness (jacket) 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) 90 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 90 × AC	Cable identification	225
Cable weight [g/m] 54,78 g Material (wire) Cu wire, bare Resistor (core) max. 57 Okm (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42 • 0.1 mm (multi-strand wire class 6) Diameter (core) 5 • 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material (wire isolation) CFC- cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø Incl. isolation 1.25 mm ±5% Coloriumbering of wires br, bk, bl, wir, gray long/fuldinally stripped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR/PVC Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbal resistant Shore hardness (jacket) 80 ± 5 A (PVC-under jacket); 35 ± 5 A (PUR-jacket) Outler-Ø (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) 9.0 mm ±5%	Cable Type	2 (PUR/PVC)
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Resistor (core) max. 57 Ω/km (20 °C) Single wie Ø (core) 0.1 mm Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 5× 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CPC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/umbering of wires br., bk, bl, wil, give longitudinally striped Stranding combination 5 wires twisted around central filler Shied no Material (jacket) PURPVC Material property (jacket) CPC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, bydrolysis and microbial resistant Shore hardness (jacket) DB 5 A (PVC- under jacket); 85 ± 5 A (PUR-jacket) Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) 5.0 mm ±5% Color (jacket) 9.0 m ±5% <	Cable weight [g/m]	54,78 g
Single wire Ø (core) 0.1 mm (multi-strand wire class 6) Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 0.34 mm² AWG smillar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC . cadmium , silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br. bk. bl., wh, gnye longitudinally striped Stranding combination 5 wires stwisted around central filler Shield no Material property (jacket) PUR/PVC 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) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Cuter-Ø (jacket) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Cuter-Ø (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 Cable labeling see frame delivery specifications 7000-00000-001 Vortical (jacket) 10 N VDE (398-4)	Material (wire)	Cu wire, bare
Single wire Ø (core) 0.1 mm (multi-strand wire class 6) Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 0.34 mm² AWG smillar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC . cadmium , silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br. bk. bl., wh, gnye longitudinally striped Stranding combination 5 wires stwisted around central filler Shield no Material property (jacket) PUR/PVC 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) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Cuter-Ø (jacket) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Cuter-Ø (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 Cable labeling see frame delivery specifications 7000-00000-001 Vortical (jacket) 10 N VDE (398-4)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Construction (core) 42x 0.1 mm (multi-strand wire class 6) Diameter (core) 5 x 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ±5 D Wire-80 incl. Isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR/PVC Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, browless and microbial resistant Shore hardness (jacket) 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-O (jacket) gray Color (jacket) gray Color (jacket) gray Color (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Carrent load cap	Single wire Ø (core)	0.1 mm
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Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D Wire-Ø incl. isolation 1.25 mm ±5% Cotor/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires wissted around central filler Shield no Material (jacket) PURPVC 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) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Outer-Ø (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10x outer Ø Bend radius (moving) 15x outer Ø No. of bending cycles (C-track) max. 2 Mio.		PVC
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Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl, wh, gnye longitudinally striped Stranding combination 5 wires twisted around central filler Shield no Material (jacket) PUR/PVC 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) 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) gray Color (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10x outer Ø Bend radius (moving) 15x outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 5 m/s² Commerc		
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Shield no Material (jacket) PUR/PVC 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) 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Cervent load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 5 m/s² Commercial data CZ customs tariff number 85444290 EAN 4048879150767 eClass 27279218		
Material (jacket) PUR/PVC 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) 80 ± 5 A (PVC-under jacket); 85 ± 5 A (PUR-jacket) Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -30+80 °C Temperature range (mobile) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (moving) 15× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3 m/s Acceleration (C-track) max. 5 m/s² Commercial data country of origin CZ customs tariff number 85444290 EAN 4048879150767 eClass 2727		
Material property (jacket) CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, thydrolysis and microbial resistant Shore hardness (jacket) 80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket) Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray Cable labeling see frame delivery specifications 7000-00000-001 chemical resistance good resistance to oil, gasoline and chemicals Nominal voltage UL 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -5+80 °C Bend radius (fixed) 10× outer Ø Bend radius (fixed) 10× outer Ø No. of bending cycles (C-track) max. 2 Mio. (25 °C) Travel speed (C-track) max. 3.3 m/s Acceleration (C-track) max. 5 m/s² Commercial data country of origin CZ customs tariff number 85444290 EAN 4048879150767 eClass		
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eClass 27279218	customs tariff number	85444290
	EAN	4048879150767
	eClass	27279218
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