

### M8 female 90° A-cod. snap-in with cable

PVC 3x0.25 ye UL/CSA 7.5m

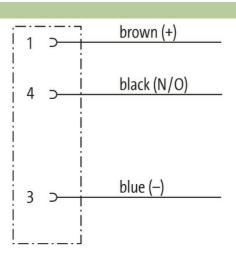
Female 90° M8 (Snap In), 3-pole with cable sleeves

Plastic housings with good resistance against chemicals and oils.

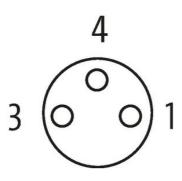
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

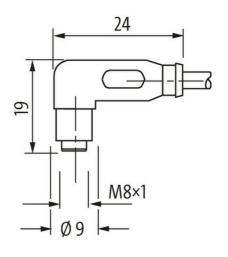
### **Link to Product**

# Illustration



## **Female**





Product may differ from Image









\* only for products with UL/CSA approved cable

### Form

Form 08241

**Technical Data** 

Operating voltage max. 50 V AC/60 V DC

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stay connected

Operating voltage (only UL listed)	max. 30 V AC/DC	
Rated surge voltage	1.5 kV	
Operating current per contact	max. 4 A	
Material group	IEC 60664-1, category I	
Locking of ports	M8 Snap In	
Protection	IP65 inserted and tightened (EN 60529)	
Material	PUR	
suitable for corrugated tube (internal Ø)	6.5 mm	
General data		
	DIN EN (4070 0 404 (M0)	
Standards	DIN EN 61076-2-104 (M8)	
Pollution Degree	3	
Stripping length (jacket)	20 mm	
Temperature range	-25+85 °C, depending on cable quality	
Cables		
No./diameter of wires	3× 0.25 mm²	
Wire isolation	PVC (br, bl, bk)	
Outer Ø	4.5 mm ±5%	
Cable identification	010	
Cable Type	1 (PVC)	
Approval (cable)	UL (AWM-Style 2464/1731), CSA	
Cable weight [g/m]	29,37 g	
Material (wire)	Cu wire, bare	
Resistor (core)	max. 79 Ω/km (20 °C)	
Single wire Ø (core)	0.15 mm	
Construction (core)	14× 0.15 mm (multi-strand wire class 5)	
Diameter (core)	3× 0.25 mm²	
AWG	similar to AWG 24	
Material (wire isolation)	PVC	
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free	
Shore hardness (wire isolation)	45 ±5 D	
Wire-Ø incl. isolation	1.25 mm ±5%	
Color/numbering of wires	br, bk, bl	
Stranding combination	3 wires twisted	
Stranding combination Shield		
	3 wires twisted	
Shield	3 wires twisted no PVC	
Shield Material (jacket) Material property (jacket)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free	
Shield Material (jacket) Material property (jacket) Shore hardness (jacket)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ± 5 A  4.5 mm ±5%  yellow  yellow	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ± 5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4  -30+80 °C	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (fixed)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4  -30+80 °C  -30+80 °C	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (mobile)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4  -30+80 °C  -5+80 °C	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (mobile)  Temperature range (mobile)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4  -30+80 °C  -5+80 °C  -5+80 °C	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color chemical resistance thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (fixed)  Temperature range (mobile)  Bend radius (fixed)	3 wires twisted no PVC CFC-, cadmium-, silicone- and lead-free 85 ±5 A 4.5 mm ±5% yellow yellow good resistance to oil, gasoline and chemicals flame retardant UL 1581 VW1 / CSA FT1 UL 300 V AC 2000 V AC to DIN VDE 0298-4 -30+80 °C -5+80 °C -5+80 °C 5x outer Ø	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color  chemical resistance  thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (mobile)  Temperature range (mobile)  Bend radius (fixed)  Bend radius (moving)	3 wires twisted  no  PVC  CFC-, cadmium-, silicone- and lead-free  85 ±5 A  4.5 mm ±5%  yellow  yellow  good resistance to oil, gasoline and chemicals  flame retardant UL 1581 VW1 / CSA FT1  UL 300 V AC  2000 V AC  to DIN VDE 0298-4  -30+80 °C  -5+80 °C  -5+80 °C  5× outer Ø  10× outer Ø	
Shield  Material (jacket)  Material property (jacket)  Shore hardness (jacket)  Outer-Ø (jacket)  Color (jacket)  Jacket Color chemical resistance thermal resistance  Nominal voltage  Test voltage  Current load capacity  Temperature range (fixed)  Temperature range (fixed)  Temperature range (mobile)  Bend radius (fixed)	3 wires twisted no PVC CFC-, cadmium-, silicone- and lead-free 85 ±5 A 4.5 mm ±5% yellow yellow good resistance to oil, gasoline and chemicals flame retardant UL 1581 VW1 / CSA FT1 UL 300 V AC 2000 V AC to DIN VDE 0298-4 -30+80 °C -5+80 °C -5+80 °C 5x outer Ø	

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Commercial data		
country of origin	DE	
customs tariff number	85444290	
eClass	27061801	
Packaging unit	1.000	