

M8 female 90° A-cod. with cable shielded

PUR 3x0.34 shielded gy UL/CSA+drag ch. 5m

Female 90° M8, 3-pole shielded

with cable sleeves

Further cable lengths on request.

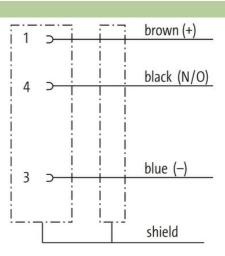
Plastic housings with good resistance against chemicals and oils.

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

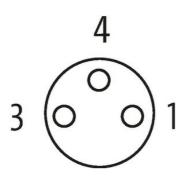
Link to Product

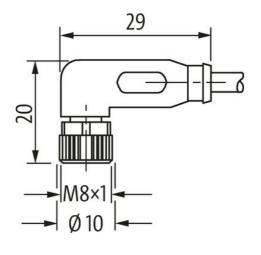
Illustration





Female





Product may differ from Image









* only for products with UL/CSA approved cable

Form

Form 08781

Technical Data



Coparating variage (only UL listed) max. 30 Y AC/DC	Operating voltage	max. 50 V AC/60 V DC
Reset surp vertage		max. 30 V AC/DC
Operating current per contact max. 4 A Material group IEC 66664-1, category I Locking of ports Serve wheread (M8x 1 mm) recommended torque 0.4 Nm, self-securing Compression gland M8 (6W9) Protection IP65, IP66K, IP67 inserted and tightened (EN 60529) Material PUR Clocking material DIN EN 61076 2 104 (M8) Blandards DIN EN 161076 2 104 (M8) Pollution Degree 3 Temporature range 25485 °C, depending on cable quality Cables Cables Wire solution PP (bx, 0, 1k) C-Tacks properties 5 Mio. Outer 0 5.0.45% Cable of Carbon (properties) 5 Mio. Outer 0 5.0.45% Cable very properties 5 Mio. Cuter 0 5.0.45% Cable very properties 5 Mio. Cuter 0 5.0.45% Cable very properties 5 Mio. Cuter 0 5.0.45% (pw) Cable very properties 5 Mio. Cuter 0 5.0.45% (pw) Approv		
Material group IEC 60964-1, category		
Lacking of ports Compression pland M8 (SW9) Protection PPS, IPPSK, IPPS riseared and fightened (EN 80529) Material PUR Locking material Zinc die casting, matte nickel plated General data Standards DIN EN 61076-2-104 (M8) Publishon Degree 3 Temperature range 25485 °C, depending on cable quality Cables Wire solistion PP (br. bl. bl) C-mack properties 5 Mino. Older of Supporting Wire solistion PP (br. bl. bl) C-mack properties 5 Mino. Cable supporting Cable (Supporting) Approval (cable) Cable (Supporting) Approval (cable) Culturs (AWM-Syle 20549/10493); CE conform Cable vice (core) Cable (core) Material (vire) Cable (core) Material (vire) Cable (core) Diameter (core) Single wire 9 (core) Construction (core) Ava Sundards Ava Gardenium, Sile (core) Construction (core) Ava Sundards Ava Sundards Ava Sundards Ava Sundards Ava Sundards Ava		IEC 60664-1, category I
Protection		
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Decision praetrial PUR Zinc die cesting, matte nickel plated		
Zinc die casting, matte nickel plated		<u> </u>
General data Standards DIN EN 61076-2-104 (M8) Pollution Degree 3 Temperature range -25+85 °C, depending on cable quality Cables Will include the properties of twice solution C-track properties 5 Milo. Cubrer (9 5.0 ±5% Gabbic Identification 240 Cabbic Type 3 (PUR) Approval (cable) cUBus (AWM-Style 20549/10493); CE conform Cabbic weight (g/m) 44 g Matterial (wire) Cu wire, bare Cabbic weight (g/m) 44 g Matterial (wire) Cu wire, bare Casticution (core) 0.1 mm Construction (core) 42 x 0.1 mm (multi-strand wire class 6) Diameter (core) 3.0 34 mm² AWG similar to AWG 22 Material (wire isolation) PP Material property (wire isolation) CFC, halogen-, cadmium-, ellicone- and lead-free Stranding combination 3 wires twisted Stranding combination 1.25 mm ±5% Color-mumbering of wires br, lk, bl S		
Pollution Degree 3 25+85 °C, depending on cable quality	_	
Pollution Degree 3 -25+85 °C, depending on cable quality	Standards	DIN EN 61076-2-104 (M8)
Cables -25+85 °C, depending on cable quality Cables Wire isolation PP (br. bl. bk) C-track properties 5 Mio. Cuter Or 5.0 ±5% Gable identification 240 Cable Type 3 (PUR) Approval (cable) CURus (AWM-Style 20549/10493); CE conform Cable weight (gm) 44 g Material (wire) Cu wire, bare Resistor (core) max. 57 c/km (20 °C) Single wire Ø (core) 0.1 mm Construction (core) 42 × 0.1 mm (multi-strand wire class 6) Diameter (core) 3 × 0.34 mm² AWG similar to AWG 22 Material (wire isolation) PP Wire-Ø (m.l. isolation) PP Wire-Ø (m.l. isolation) 70 ± 5 D Wire-Ø (m.l. isolation) 70 ± 5 D Wire-Ø (m.l. isolation) 3 wires twisted Sheid yes Optical sheid cover min. 80% Material (property (jacket) CFC, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, bydrolysis and microbial resistant		
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Single wire Ø (core) 0.1 mm Construction (core) 42 x 0.1 mm (multi-strand wire class 6) Diameter (core) 3 x 0.34 mm² AWG similar to AWG 22 Material (vire isolation) PP Material property (wire isolation) CFC-, halogen-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 70 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield yes optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) 90 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray Jacket Color gray Jacket Color gray Jacket Color gray Jacket Color (jacket)	Material (wire)	Cu wire, bare
Construction (core) 42× 0.1 mm (multi-strand wire class 6) Diameter (core) 3× 0.34 mm² AWG similar to AWG 22 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 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield yes optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) gray Jacket Color gray Jacket Color <td< td=""><td>Resistor (core)</td><td>max. 57 Ω/km (20 °C)</td></td<>	Resistor (core)	max. 57 Ω/km (20 °C)
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Shore hardness (wire isolation) 70 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield yes optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Material (wire isolation)	PP
Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield yes optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield yes optical shield cover min. 80% Material (jacket) PUR Material property (jacket) PUR CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant property (jacket) 90 ±5 A Outer-Ø (jacket) 90 ±5 A Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Shore hardness (wire isolation)	70 ±5 D
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Shield yes optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Color/numbering of wires	br, bk, bl
optical shield cover min. 80% 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) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Stranding combination	3 wires twisted
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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) 5.0 mm ±5% Color (jacket) gray Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	optical shield cover	min. 80%
Material property (jacket)resistant, hydrolysis and microbial resistantShore hardness (jacket)90 ±5 AOuter-Ø (jacket)5.0 mm ±5%Color (jacket)grayJacket Colorgraychemical resistancegood resistance to oil, gasoline and chemicals (EN 60811-404)thermal resistanceflame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2Nominal voltage300 V ACTest voltage2000 V ACCurrent load capacityto DIN VDE 0298-4Temperature range (fixed)-40+80 °CTemperature range (fixed)-40+80 °C (, (+90 °C at max. 10 000 operating hours)Temperature range (mobile)-25+80 °C	Material (jacket)	PUR
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Color (jacket) Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C Temperature range (mobile) -25+80 °C	Shore hardness (jacket)	90 ±5 A
Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Outer-Ø (jacket)	5.0 mm ±5%
Jacket Color 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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	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 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Jacket Color	
thermal resistance flame retardand UL 1581 Section 1090 (H), CSA FT2 / IEC 60332-2-2 Nominal voltage 300 V AC Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	chemical resistance	good resistance to oil, gasoline and chemicals (EN 60811-404)
Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	thermal resistance	
Test voltage 2000 V AC Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Nominal voltage	300 V AC
Current load capacity to DIN VDE 0298-4 Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Test voltage	
Temperature range (fixed) -40+80 °C Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Current load capacity	
Temperature range (fixed) -40+80 °C, (+90 °C at max. 10 000 operating hours) Temperature range (mobile) -25+80 °C	Temperature range (fixed)	
Temperature range (mobile) -25+80 °C	Temperature range (fixed)	
	Temperature range (mobile)	
	Temperature range (mobile)	-25+80 °C, (+90 °C at max. 10 000 operating hours)

The information in this brochure has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22



Bend radius (fixed)	5× outer Ø
Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²
Torsion stress	±30°/m
No. of torsion cycles	max. 2 Mio. (25 °C)
Torsion speed	35 cycles/min
Material (jacket)	PUR (UL/CSA)
Commercial data	
country of origin	DE
customs tariff number	85444290
EAN	4048879422246
eClass	27279218
Packaging unit	1.000