

## M12 male 0° / M12 female 0° C-cod.

PUR 3x0.75 bk UL/CSA 2m

Male straight - female straight M12 - M12, 3-pole

C-coded

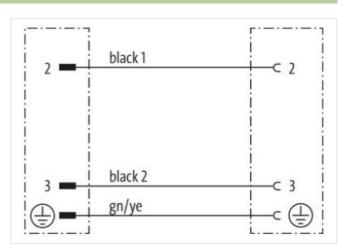
Plastic housings with good resistance against chemicals and oils.

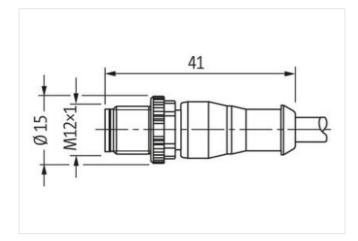
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

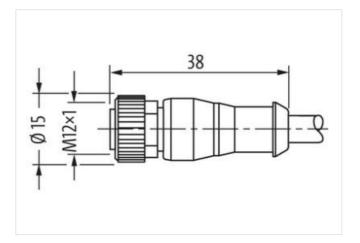
## **Link to Product**

## Illustration

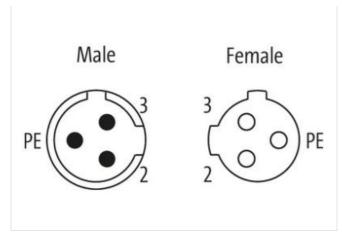












Product may differ from Image

Form

Technical Data         max. 250 V AC/DC           Tated surg voltage         2.5 kV           Operating vultage         2.5 kV           No. of poles         3           Waterial group         IEC 60684-1, category I           Zoding         C-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Protection         IP67 inserted and tightened (EN 60529)           Material         PA           Locking material         PA           Locking material         PA           Sutiable for corrugated tube (internal Ø)         10 mm           Compression gland         W12 (SW13)           General dats         UIN EN 61076-2-101 (M12)           Wounting method         inserted, lightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cable infination         628           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight (g/m)         55.33 g	Form	
Departing voltage	Form	52001
2.5 kV	Technical Data	
Departing current per contact   max. 4 A	Operating voltage	max. 250 V AC/DC
No. of poles         3           Material group         IEC 60664-1, category I           Coding         C-coded           .ocking of ports         Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing           Protection         IP67 inserted and tightened (EN 60529)           Material         PUR           .ocking material         PA           suitable for corrugated tube (internal Ø)         10 mm           Compression gland         M12 (SW13)           General data         Standards           Standards         DIN EN 61076-2-101 (M12)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables         Cable identification           Cable identification         626           Cable in (corle)         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight (g/m)         55.33 g           Material (wire)         Cu wire, bare           Corley         0.15 mm	Rated surge voltage	2.5 kV
Material group         IEC 60664-1, category I           Coding         C-coded           Locking of ports         Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing           Protection         IP67 inserted and tightened (EN 60529)           Material         PUR           Locking material         PA           suitable for corrupated tube (internal Ø)         10 mm           Compression gland         M12 (SW13)           General data           Standards         DIN EN 61076-2-101 (M12)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Cables         Cables           Cable identification         626           Cable identification         626           Cable weight [g/m]         55.33 g           Material (wire)         Cu wire, bare           Resistor (core)         max. 26 Ω/km (20 °C)           Single wire Ø (core)         0.15 mm           Doisruction (core)         42 × 0.15 mm (multi-strand wire class 6)           Diameter (core)         3 × 0.75 mm²           <	Operating current per contact	max. 4 A
Coding C-coded	No. of poles	3
Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing	Material group	IEC 60664-1, category I
Protection IP67 inserted and tightened (EN 60529)  Material PUR  Cocking material PUR  Compression gland M12 (SW13)  General data  Standards DIN EN 61076-2-101 (M12)  Mounting method inserted, tightened  Material (contact) Copper alloy  Material (contact) Au  Material (contact) FKM  Pollution Degree 3  Temperature range -25+85 °C, depending on cable quality  Cables  Cable identification 626  Cable identification 626  Cable weight [g/m] 55.33 g  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) 3 x 0.75 mm²  WMGetrial (prover) (wire isolation) PVC  Material (core) Simple wire isolation) PVC  Material (wire isolation) 43 ± 5 D	Coding	C-coded
Material         PUR           .ocking material         PA           suitable for corrugated tube (internal Ø)         10 mm           Compression gland         M12 (SW13)           General data         Standards           Standards         DIN EN 61076-2-101 (M12)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Cables         25+85 °C, depending on cable quality           Cable identification         626           Cable identification         626           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWW-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55.33 g           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)         3x 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         CFC, cadmium-, silicone- and lead-free <td>Locking of ports</td> <td>Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing</td>	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
	Protection	IP67 inserted and tightened (EN 60529)
Suitable for corrugated tube (internal Ø) 10 mm  Compression gland M12 (SW13)  General data  Standards DIN EN 61076-2-101 (M12)  Mounting method inserted, tightened  Material (contact) Copper alloy  Material (contact) FKM  Pollution Degree 3  Temperature range -25+85 °C, depending on cable quality  Cables  Cable identification 626  Cable identification 626  Cable weight [g/m] 55,33 g  Material (gwire) UL (AWM-Style 20549/1731), CSA; CE conform  Cable weight [g/m] 55,33 g  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) 3x 0.75 mm²  Material (wire isolation) PVC  Material (wire isolation) PCC, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 43 ±5 D	Material	PUR
Compression gland         M12 (SW13)           General data           Standards         DIN EN 61076-2-101 (M12)           Mounting method         inserted, tightened           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables         Cable identification           Cable identification         626           Cable identification         626           Cable weight [g/m]         55,33 g           Material (wire)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55,33 g           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)         3 × 0.75 mm²           AWG         similar to AWG 18           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         43 ± 5 D	Locking material	PA
General data         Canaly           Standards         DIN EN 61076-2-101 (M12)           Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cable substitication           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight (g/m)         55,33 g           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)         3 × 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         CFC-, cadmium-, silicone- and lead-free	suitable for corrugated tube (internal Ø)	10 mm
DIN EN 61076-2-101 (M12)	Compression gland	M12 (SW13)
Mounting method         inserted, tightened           Material (contact)         Copper alloy           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification         626           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55,33 g           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)         3× 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         43 ± 5 D	General data	
Material (contact)         Copper alloy           Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables         Cable identification           Cable identification         626           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55,33 g           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)         3 × 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         CFC-, cadmium-, silicone- and lead-free	Standards	DIN EN 61076-2-101 (M12)
Material (contact surface)         Au           Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification         626           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55.33 g           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)         3 × 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         43 ± 5 D	Mounting method	inserted, tightened
Material (gasket)         FKM           Pollution Degree         3           Temperature range         -25+85 °C, depending on cable quality           Cables           Cable identification         626           Cable Type         2 (PUR/PVC)           Approval (cable)         UL (AWM-Style 20549/1731), CSA; CE conform           Cable weight [g/m]         55,33 g           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)         3× 0.75 mm²           AWG         similar to AWG 18           Material (wire isolation)         PVC           Material property (wire isolation)         CFC-, cadmium-, silicone- and lead-free           Shore hardness (wire isolation)         43 ± 5 D	Material (contact)	Copper alloy
Pollution Degree 3 Femperature range -25+85 °C, depending on cable quality  Cables  Cable identification 626 Cable Type 2 (PUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 55,33 g  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) 3 × 0.75 mm²  AWG similar to AWG 18  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 43 ± 5 D	Material (contact surface)	Au
Cables         Cable identification       626         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       55,33 g         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)       3× 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ± 5 D	Material (gasket)	FKM
Cables         Cable identification       626         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       55,33 g         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)       3 × 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ±5 D	Pollution Degree	3
Cable identification       626         Cable Type       2 (PUR/PVC)         Approval (cable)       UL (AWM-Style 20549/1731), CSA; CE conform         Cable weight [g/m]       55,33 g         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)       3 × 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ± 5 D	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]       55,33 g         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)       3× 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ±5 D	Cables	
Approval (cable)  Cable weight [g/m]  55,33 g  Material (wire)  Cu wire, bare  Resistor (core)  max. 26 Ω/km (20 °C)  Single wire Ø (core)  Construction (core)  42× 0.15 mm (multi-strand wire class 6)  Diameter (core)  3× 0.75 mm²  AWG  similar to AWG 18  Material (wire isolation)  PVC  Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  43 ± 5 D	Cable identification	626
Cable weight [g/m]       55,33 g         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)       3× 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ±5 D	Cable Type	2 (PUR/PVC)
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) 3× 0.75 mm²  AWG similar to AWG 18  Material (wire isolation) PVC Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free Shore hardness (wire isolation) 43 ± 5 D	Approval (cable)	UL (AWM-Style 20549/1731), CSA; CE conform
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)       3× 0.75 mm²         AWG       similar to AWG 18         Material (wire isolation)       PVC         Material property (wire isolation)       CFC-, cadmium-, silicone- and lead-free         Shore hardness (wire isolation)       43 ±5 D	Cable weight [g/m]	55,33 g
Single wire Ø (core)  0.15 mm  Construction (core)  42× 0.15 mm (multi-strand wire class 6)  Diameter (core)  3× 0.75 mm²  AWG  similar to AWG 18  Material (wire isolation)  PVC  Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  43 ± 5 D	Material (wire)	Cu wire, bare
Construction (core) 42× 0.15 mm (multi-strand wire class 6)  Diameter (core) 3× 0.75 mm²  AWG similar to AWG 18  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 43 ± 5 D	Resistor (core)	max. 26 Ω/km (20 °C)
Diameter (core) 3× 0.75 mm²  AWG similar to AWG 18  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 43 ± 5 D	Single wire Ø (core)	0.15 mm
AWG similar to AWG 18  Material (wire isolation) PVC  Material property (wire isolation) CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation) 43 ± 5 D	Construction (core)	42× 0.15 mm (multi-strand wire class 6)
Material (wire isolation)  PVC  Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  43 ±5 D	Diameter (core)	3× 0.75 mm²
Material property (wire isolation)  CFC-, cadmium-, silicone- and lead-free  Shore hardness (wire isolation)  43 ±5 D	AWG	similar to AWG 18
Shore hardness (wire isolation) 43 ±5 D	Material (wire isolation)	PVC
	Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Nire-Ø incl. isolation 1.8 mm ±5%	Shore hardness (wire isolation)	43 ±5 D
	Wire-Ø incl. isolation	1.8 mm ±5%

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: 2022-11-14



Color/numbering of wires	bk numbered, gnye longitudinally striped
Stranding combination	3 wires twisted
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)	5.9 mm ±5%
Color (jacket)	black
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. 3.3 m/s
Acceleration (C-track)	max. 5 m/s <sup>2</sup>
Product article number of manufacturer	7023-52001-6260200
Cable length	2 m