

M12 female 90° with cable

RADOX EM 104 4x0.5 bk 20m

Female 90°

M12, 4-pole

with cable sleeves

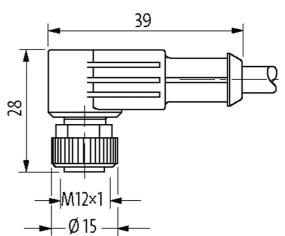
Plastic housings with good resistance against chemicals and oils.

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





Product may differ from Image

Form	
Form	12341
General data	
Standards	DIN EN 61076-2-101 (M12)
Mounting method	inserted, tightened
Pollution Degree	3
Stripping length (jacket)	40 mm
Temperature range	-25+85 °C, depending on cable quality
Cables	
Cable identification	R03
Approval (cable)	DIN EN 45545-2, CE conform
Cable weight [g/m]	62,70
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 40.1 Ω/km (20 °C)

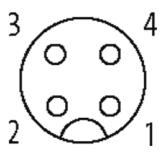


stay connected

Diameter (core) 4 × 0.5 mm² AWG similar to AWG 20 Material (wire isolation) Radox E1303 Wire-Q incl. Isolation 1.42 mm ±5% Color-humbering of wires wh (bk num) Stranding combination 4 wires twisted Sheidd no Material (jacke) Radox EM 104 Outer-Q (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 ° C Temperature range (fixed) -3 outer-Q Bend radius (moving) 4 × outer-Q Back Color black Technical Data Technical Data Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1; category I Coding A coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (sio cassing,,	Single wire Ø (core)	0.18 mm
AWG similar to AWG 20 Material (wire isolation) Radox El 303 Wire-Ø incl. isolation 1.42 mm ±5% Coloriumbering of wires wh tok num Stranding combination 4 wires twisted Shield no Material (jacket) Fladox EM 104 Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (fixed) -3 couter-Ø Bend radius (fixed) 3 couter-Ø Bend radius (fixed) 4 couter-Ø Bend	Construction (core)	19× 0.18 mm
Material (wire isolation) Radox El 303 Wire-O Incl. Isolation 1.42 mm ±5% Colorhumbering of wires wh (bk num) Stranding combination 4 wires twisted Shield no Material (jacket) Radox EM 104 Culer-O (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 6007/000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 × outer-O Bend radius (fixed) 3 × outer-O Jacket Color black Temperature range (mobile) 4 × outer-O black Text per contact max. 250 V AC/DC Operating voltage 2.5 kV Material surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Compression gland M12 (SW13) Lock	Diameter (core)	4× 0.5 mm²
Wire-Ø Incl. isolation 1.42 mm ±5% Color/mbering of wires wh (bk num) Stranding combination 4 wires twisted Sheld no Material (jacket) Radox EM 104 Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 660/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3× outer-Ø Bend radius (fixed) 3× outer-Ø <td< td=""><td>AWG</td><td>similar to AWG 20</td></td<>	AWG	similar to AWG 20
Color/numbering of wires wh (bk num) Stranding combination 4 wires twisted Shield no Material (jacket) Radox EM 104 Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50120 °C Temperature range (mobile) -2590 °C Bend radius (fixed) 3 vouter-Ø Bend radius (moving) 4 vouter-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating urrent per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 6068-1 , category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material PUR suitable for corrugated tube (internal Ø) 10 mm	Material (wire isolation)	Radox El 303
Stranding combination 4 wires twisted Shield no Material (jacket) Radox EM 104 Color (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 ° C Temperature range (mobile) -25+90 ° C Bend radius (fixed) 3 × outer-Ø Bend radius (moving) 4× outer-Ø Jacket Color black Technical Data Operating voltage Max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A coded Locking of ports Screw thread (M12-1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (inte	Wire-Ø incl. isolation	1.42 mm ±5%
Shield no Material (jacket) Radox EM 104 Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 × outer-Ø Bend radius (fixed) 3 × outer-Ø Bend radius (moving) 4 × outer-Ø Jacket Color black Technical Data Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal O) DE country of origin DE	Color/numbering of wires	wh (bk num)
Material (jacket) Radox EM 104 Outer Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 × outer-Ø Bend radius (moving) 4 × outer-Ø Jacket Color black Technical Data Operating ourrent per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data coustoms tariff number 8544290 EAN 404887969661	Stranding combination	4 wires twisted
Outer-Ø (jacket) 5.0 mm ±5% Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 - outer-Ø Bend radius (moving) 4 × outer-Ø Jacket Color black Technical Data Operating ourrent per contact max. 250 V AC/DC Operating ourrent per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data coustoms tariff number 85444290 <t< td=""><td>Shield</td><td>no</td></t<>	Shield	no
Color (jacket) black Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 vouter-Ø Bend radius (moving) 4 vouter-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR Suitable for corrugated tube (internal Ø) 10 mm Commercial date country of origin DE coustoms tariff number 85444290 EAN 4048879696661 eClass <t< td=""><td>Material (jacket)</td><td>Radox EM 104</td></t<>	Material (jacket)	Radox EM 104
Nominal voltage 600/1000 V AC Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3× outer-0 Bend radius (moving) 4× outer-0 Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 Rated surge voltage 2.5 kV Material group IEC 60684-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801	Outer-Ø (jacket)	5.0 mm ±5%
Test voltage 3500 V AC Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 volter-Ø Bend radius (moving) 4× outer-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801	Color (jacket)	black
Current load capacity according to DIN VDE 0298-4 Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3× outer-Ø Bend radius (fixed) 4× outer-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801	Nominal voltage	600/1000 V AC
Temperature range (fixed) -50+120 °C Temperature range (mobile) -25+90 °C Bend radius (fixed) 3 × outer-Ø Bend radius (moving) 4 × outer-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material DuR suitable for corrugated tube (internal Ø) Commercial data country of origin Customs tarriff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Test voltage	3500 V AC
Temperature range (mobile) -25+90 °C Bend radius (fixed) 3× outer-Ø Bend radius (moving) 4× outer-Ø Jacket Cotor black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial dat country of origin country of origin DE customs tariff number 85444290 EAN 404887969661 eClass 27061801 Packaging unit 1	Current load capacity	according to DIN VDE 0298-4
Bend radius (fixed) 3× outer-Ø Bend radius (moving) 4× outer-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin country of origin DE customs tariff number 85444290 EAN 404887969661 eClass 27061801 Packaging unit 1	Temperature range (fixed)	-50+120 °C
Bend radius (moving) 4× outer-Ø Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Temperature range (mobile)	-25+90 °C
Jacket Color black Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801	Bend radius (fixed)	3× outer-Ø
Technical Data Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 404887969661 eClass 27061801 Packaging unit 1	Bend radius (moving)	4× outer-Ø
Operating voltage max. 250 V AC/DC Operating current per contact max. 4 A Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Jacket Color	black
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Rated surge voltage 2.5 kV Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Operating voltage	max. 250 V AC/DC
Material group IEC 60664-1, category I Coding A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Operating current per contact	max. 4 A
A-coded Locking of ports Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Rated surge voltage	2.5 kV
Locking of ports Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) To mm Commercial data country of origin customs tariff number EAN 4048879696661 eClass Packaging unit Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing M12 (SW13) Locking matter in country of origin and in country or origin and in c	Material group	IEC 60664-1, category I
Compression gland M12 (SW13) Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Coding	A-coded
Locking material Zinc die casting, matte nickel plated Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Material PUR suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Compression gland	M12 (SW13)
suitable for corrugated tube (internal Ø) 10 mm Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Locking material	Zinc die casting, matte nickel plated
Commercial data country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Material	PUR
country of origin DE customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	suitable for corrugated tube (internal Ø)	10 mm
customs tariff number 85444290 EAN 4048879696661 eClass 27061801 Packaging unit 1	Commercial data	
EAN 4048879696661 eClass 27061801 Packaging unit 1	country of origin	DE
eClass 27061801 Packaging unit 1	customs tariff number	85444290
Packaging unit 1	EAN	4048879696661
	eClass	27061801
Sketch	Packaging unit	1
	Sketch	



Female



Product may differ from Image