

M12 female 0° A-cod. with cable

SABIX 8x0.34 gy 20m

Female straight

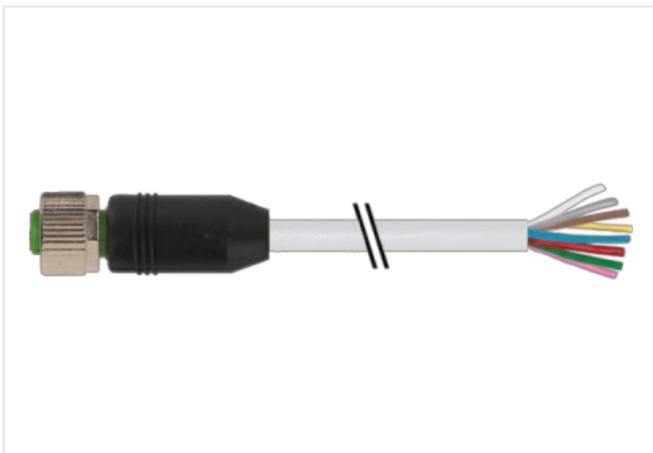
M12, 8-pole

with cable sleeves

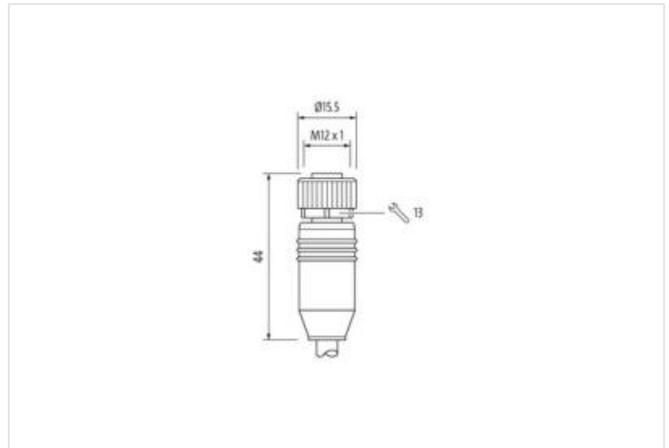
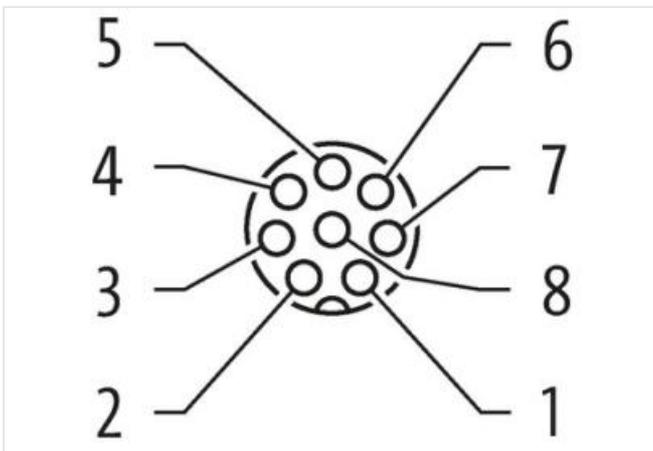
Plastic housings with good resistance against chemicals and oils.

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**

1	WH
2	BN
3	GN
4	YE
5	GY
6	PK
7	BU
8	RD



Product may differ from Image

Cable length 20 m

Side 1

Tightening torque 0,6 Nm

Mounting method inserted, screwed

Family construction form M12

Thread M12 x 1

Coding A

No. of poles 8

Width across flats	SW13
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Side 2

Stripping length (jacket)	60 mm
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Commercial data

ECLASS-6.0	27061801
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879698788
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	2 A

Installation | Connection

Stripping length (jacket)	60 mm
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Device protection | Electrical

Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Coating locking	Nickel
Material housing	PUR
Locking material	Zinc die-casting

Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Conformity

Product standard	DIN EN 61076-2-101 (M12)
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Installation | Cable

wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Cable identification	R43
Jacket Color	gray
Amount stranding	1
Stranding	8 wires around Filler twisted
Filler	yes

wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Cable weight	69,3 g/m
Material jacket	Sabix Spezial
Freedom from ingredients (jacket)	lead-free, CFC-free
Outer-diameter (jacket)	6,5 mm

Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	Sabix Spezial
Amount wires	8
Outer diameter insulation	1,45 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Max. rated voltage (conductor - conductor)	500 V
Max. rated voltage (conductor - ground)	500 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Electrical resistance line constant wire	57,4 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	90 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter