

MQ12 male 0° / M12 female 0° A-cod.

PVC 3x0.34 ye UL/CSA 3m

Male straight – female straight

MQ12, 3-pole

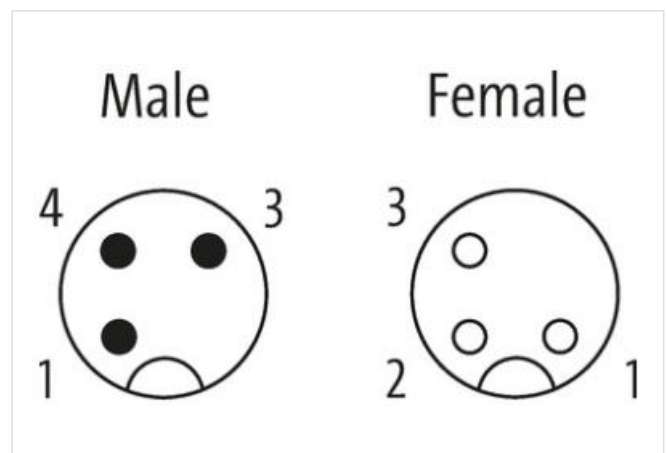
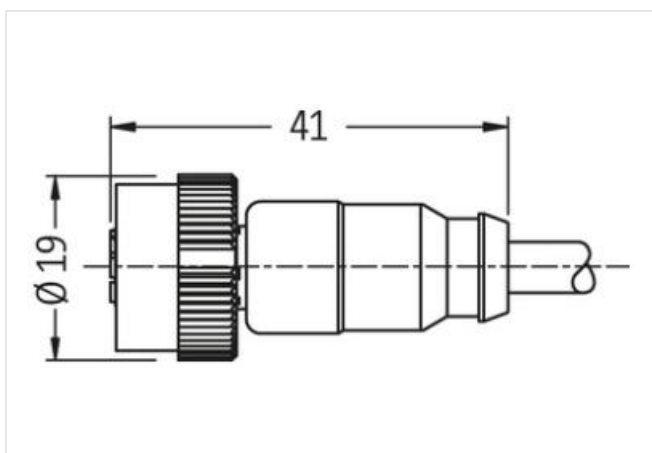
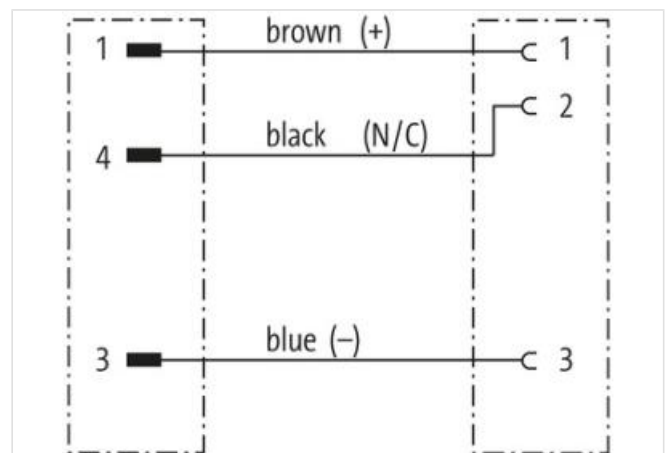
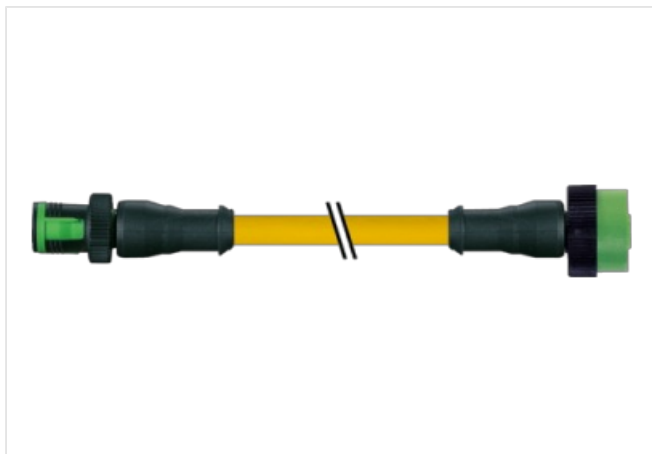
with cable sleeves

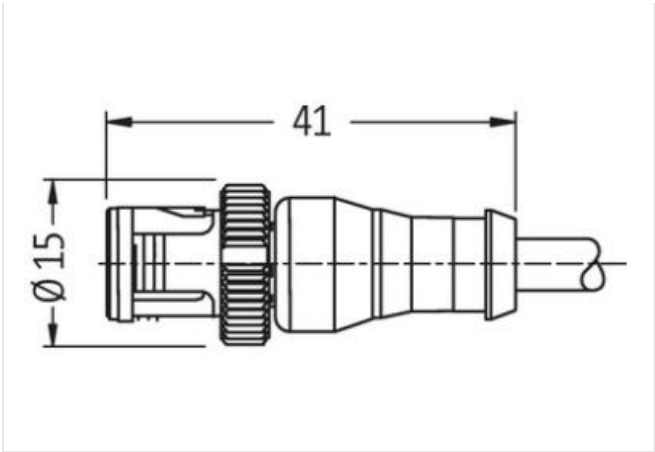
Special Type

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**



Product may differ from Image

Cable length	3 m
Side 1	
Family construction form	MQ12
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	3
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Family construction form	MQ12
Coding	A
No. of poles	3
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879106207
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, locked
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	II
Mechanical data Material data	
Material screw connection	PA
Mechanical data Mounting data	

Mounting method	inserted, screwed
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Looking techniques	bayonet-locking
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Environmental characteristics | Climatic

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

Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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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.
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Installation | Cable

wire arrangement	brown, black, blue
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Cable identification	013
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Cable Type	1
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Jacket Color	yellow
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Type of Certificate	cURus
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Amount stranding	1
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Stranding	3 wires twisted
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wire arrangement	brown, black, blue
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Cable weight	34,1 g/m
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Material jacket	PVC
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Shore hardness jacket	85 ± 5 Shore A
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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
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Outer-diameter (jacket)	4,6 mm
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Tolerance outer diameter (sheath)	± 5 %
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Material wire insulation	PVC
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Amount wires	3
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Outer diameter insulation	1,25 mm
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Outer diameter tolerance core insulation	± 5 %
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Shore hardness wire insulation	45 ± 5 Shore D
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Material properties wire insulation	good machinability
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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
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Amount strands (wire)	19
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Diameter of single wires	0,15 mm
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Conductor crosssection (wire)	0,34 mm²
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Material conductor wire	Stranded copper wire, bare
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Conductor type (wire)	Strand class 5
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Nominal voltage AC max.	300 V
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Current load capacity (standard)	to DIN VDE 0298-4
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Current load capacity min. wire	6 A
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Electrical resistance line constant wire	57 Ω/km @ 20 °C
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AC withstand voltage (wire - wire)	2 kV @ 60 s
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Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
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Min. operating temperature (static)	-30 °C
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Max. operating temperature (fixed)	80 °C
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Operating temperature min. (dynamic)	-5 °C
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Operating temperature max. (dynamic)	80 °C
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Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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chemical resistance	Good, application-related testing
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Gasoline resistance	Good, application-related testing
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Oil resistance	Good, application-related testing DIN EN 60811-404
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Bending radius (fixed)	5 x Outer diameter
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Bending radius (dynamic)

10 x Outer diameter