MQ12 female 0° A-cod. with cable

PVC 4x0.34 ye UL/CSA 0.3m

Art.No.: 7050-12221-0140030
Weight: 0.020 kg
Country of origin: DE
Model designation: MSBL0-T014_0.3-S50

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Female straight
MQ12, 4-pole
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

MURR ELEKTRONIK

stay connected

1 BN
2 WH
3 BU
4 BK

3 4
2 1

Steckverbinder / plug connector

Kopf 1 / head 1

offenes Ende / free cable end

Kabellänge / cable length

Kopf 1 / head 1

Kopf 2 / head 2

Verbindungsleitung / plug connector

Toleranz Kabellängen:
cable lenght tolerances

0m < L ≤ 0,5m	+0,03m	1,0m < L ≤ 3,0m	+0,1m
0,5m < L ≤ 1,0m	+0,05m	3,0m < L	±1,5%

A
B
C
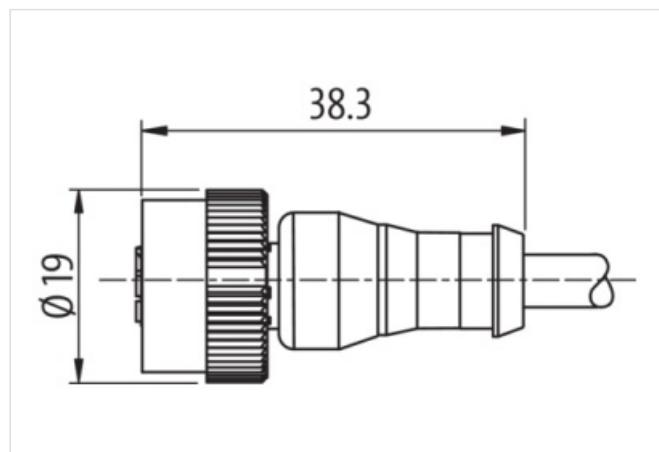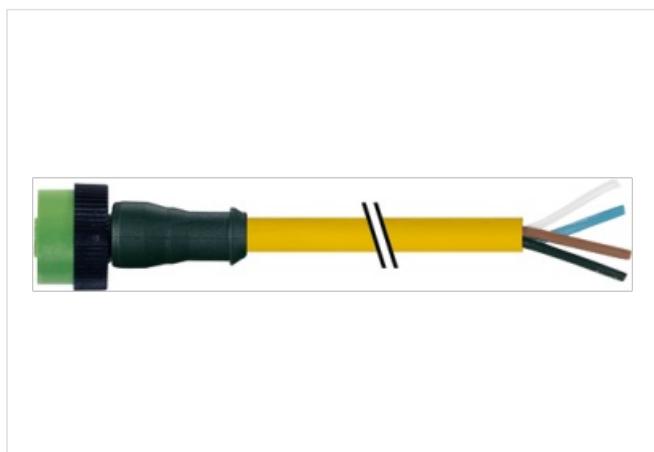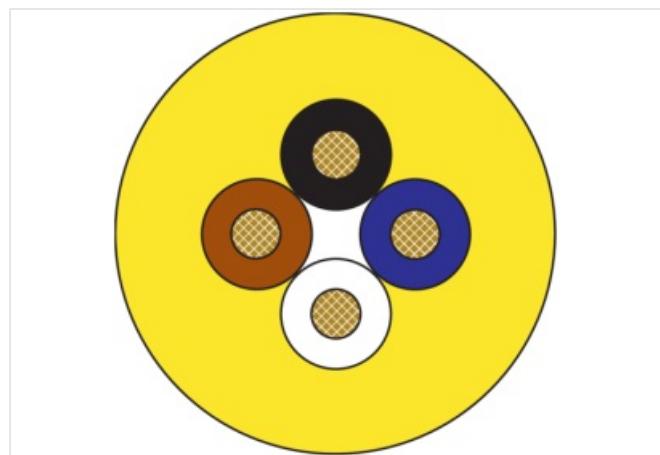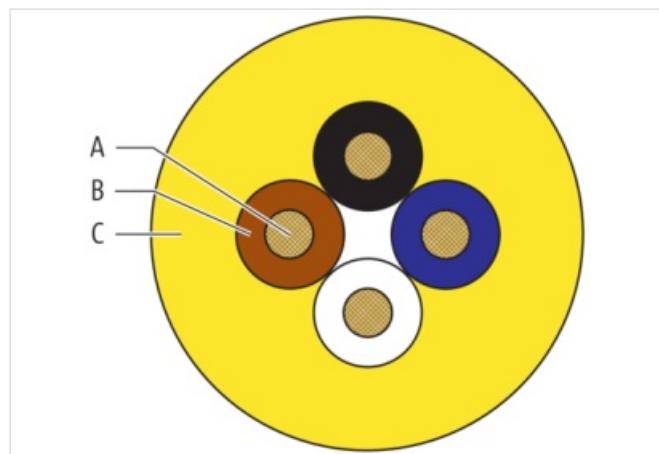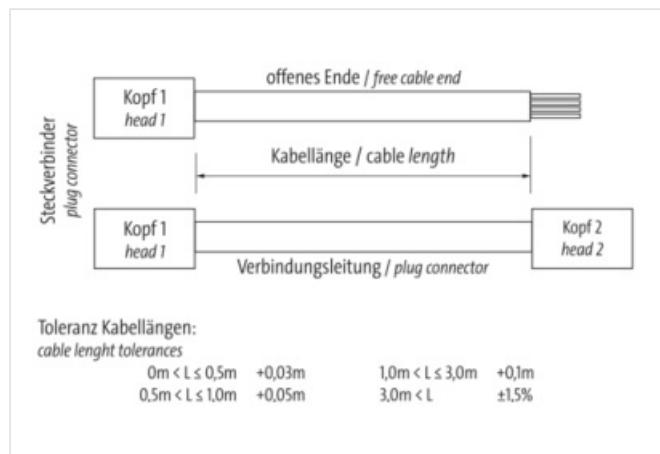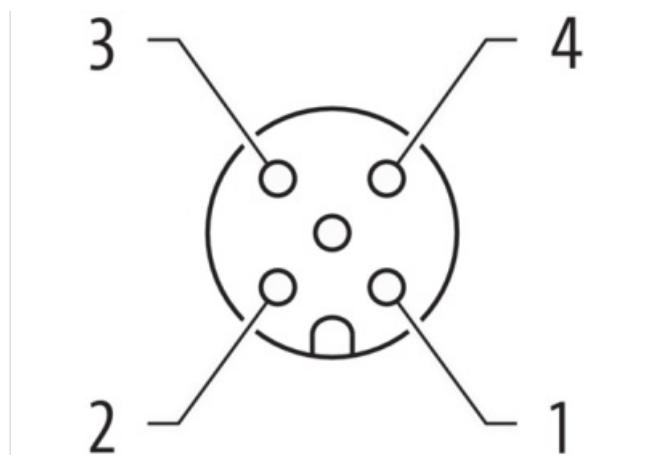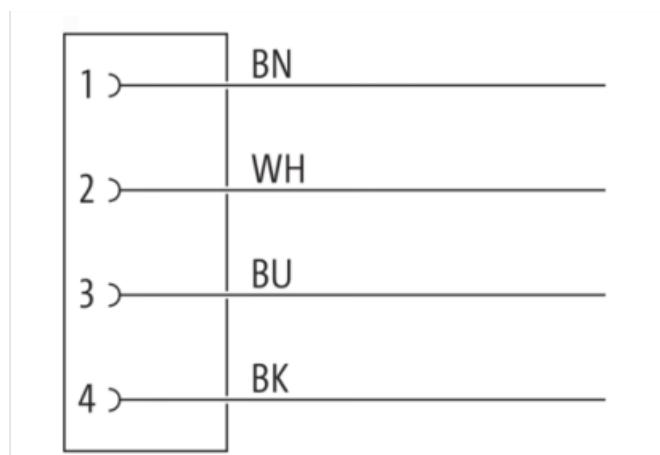
Product may differ from Image

CE

CSA C US

UL LISTED C US

RU C US

Header	
Cable length	0,30 m

Side 1	

Family construction form	MQ12
Degree of protection (EN IEC 60529)	IP67, IP65

Commercial data	
URL Webshop	https://shop.murrelektronik.com/7050-12221-0140030
customs tariff number	85444290
EAN	4048879647984
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, screwed
Rated surge voltage	2,5 kV

**Mechanical data	Mounting data**	
Mounting method	inserted, screwed
Looking techniques	bayonet-locking

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

**Installation	Cable**	
Cable identification	014
Cable Type	1
Amount stranding	1
Stranding	1 × 4 wires stranded
Wire arrangement	brown, black, blue, white
Cable weigth	37 g/m
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	45 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-02-09

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Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,8 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter