

MQ12 female 90° A-cod. with cable

PUR 4x0.34 bk UL/CSA+drag ch. 10m

Art.No.: 7050-12341-6341000

Weight: 0.288 kg

Country of origin: DE

Model designation: MSDL0-T634_10.0-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 90°

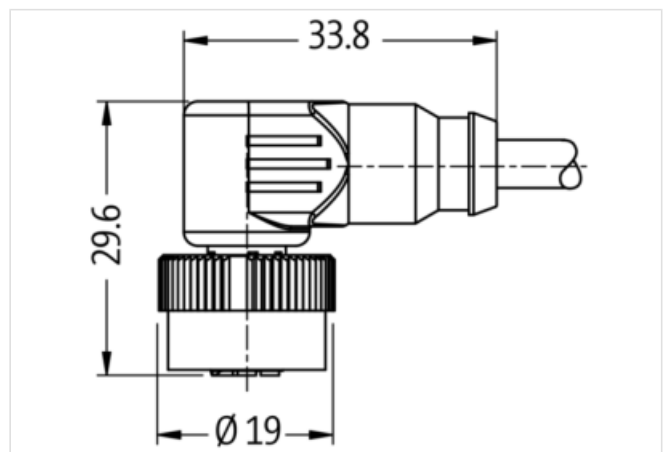
MQ12, 4-pole

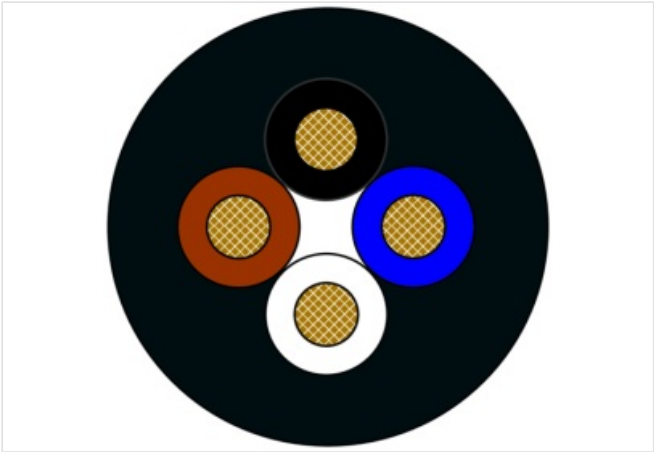
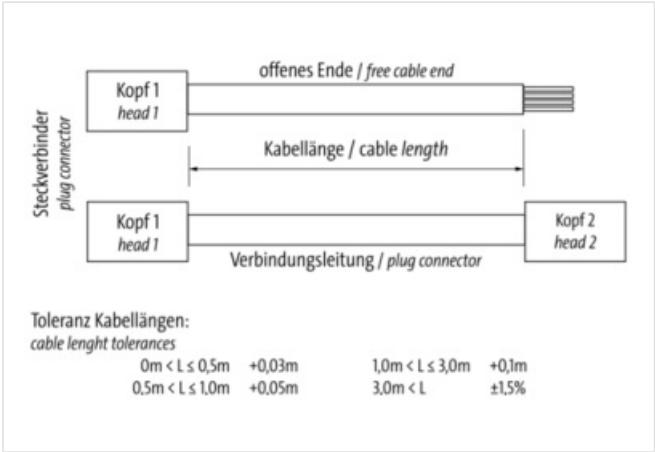
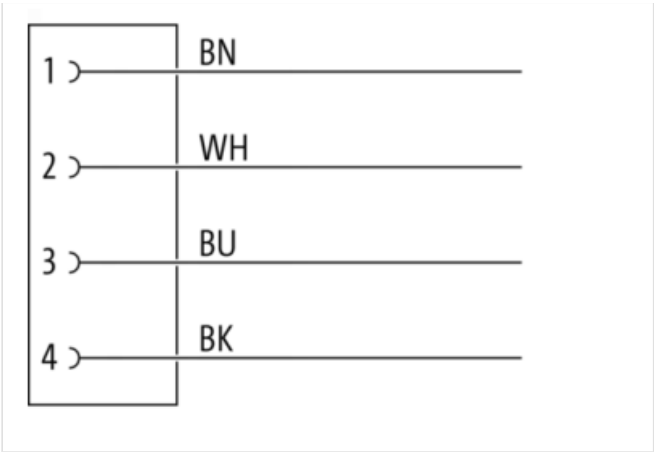
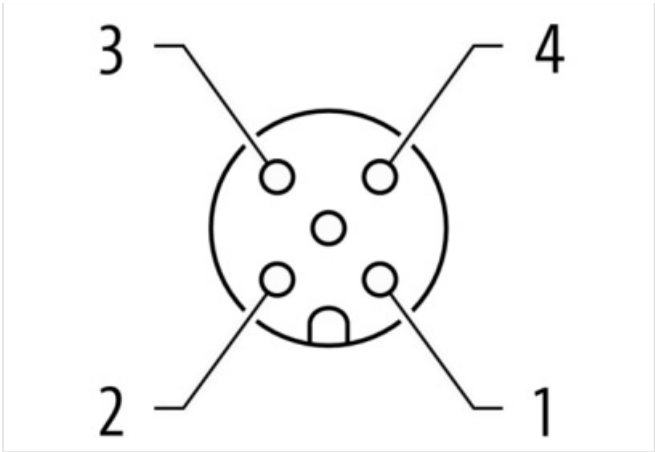
with cable sleeves

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**



Product may differ from Image



Cable length	10,00 m
Side 1	
Family construction form	MQ12
No. of poles	4
Coding	A
Gender	female
Cable outlet	angled
suitable for corrugated tube (internal Ø)	10 mm
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7050-12341-6341000
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
customs tariff number	85444290

EAN	4048879106894
-----	---------------

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	locked, inserted
--	------------------

Pollution Degree	3
------------------	---

Rated surge voltage	2,5 kV
---------------------	--------

Material group (IEC 60664-1)	II
------------------------------	----

Mechanical data | Material data

Screw connection	PA
------------------	----

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

Stranding	1 × 4 wires stranded
-----------	----------------------

Wire arrangement	BN, BK, BU, WH
------------------	----------------

Material wire insulation	PP
--------------------------	----

Amount wires	4
--------------	---

Outer diameter insulation	1.25 mm ± 0.05 mm
---------------------------	-------------------

Conductor crosssection (wire)	0,34 mm²
-------------------------------	----------

Material conductor wire	Stranded copper wire, bare
-------------------------	----------------------------

Core construction (wire)	42 × 0.1 mm
--------------------------	-------------

Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
-------------------------------------	--

Material jacket	PUR
-----------------	-----

Outer-diameter (jacket)	4.5 mm ± 5 %
-------------------------	--------------

Jacket Color	black / RAL 9005
--------------	------------------

Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
-----------------------------------	--

Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
----------------------------	---

Conductor resistance (wire)	57 Ω/km @ 20 °C
-----------------------------	-----------------

Nominal voltage max.	300 V
----------------------	-------

Withstand voltage (wire - wire)	2.5 kV @ 60 s
---------------------------------	---------------

Withstand voltage (wire - jacket)	2.5 kV @ 60 s
-----------------------------------	---------------

Current load capacity max. (wire)	4,8 A
-----------------------------------	-------

Current load capacity (standard)	to DIN VDE 0298-4
----------------------------------	-------------------

Operating temperature (static)	-40 °C ... 80 °C / 90 °C @ 10000 h Operation
--------------------------------	--

Operating temperature (dynamic)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
---------------------------------	--

Operating temperature (drag chain)	-25 °C ... 80 °C / 90 °C @ 10000 h Operation
------------------------------------	--

Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
------------------	--

Oil resistance	IEC 60811-404
----------------	---------------

Chemical resistance	good
---------------------	------

Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min