

ecolink – the reliable connection even with strong noise field interference



For users in factory automation and the machine tool industry

- Connection technology meets the M12 standard (EN 61076)
- The mechanical end stop protects the O-ring against destruction
- Permanent vibration protection with saw tooth contour
- Continuously high EMC interference protection



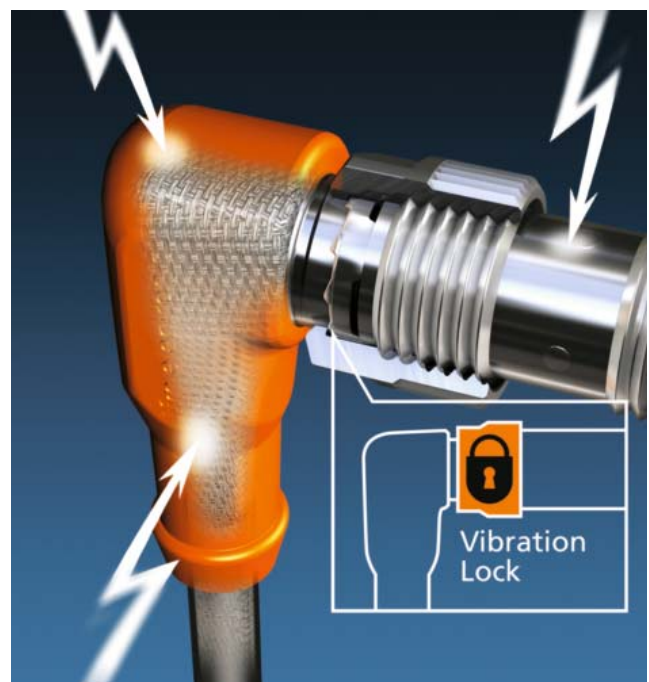
ecolink M12 for standard applications

Most applications require special solutions. Only reliable production processes and faultless assembly lead to success in the long run.

The integrated end stop protects the O-ring against destruction caused by over-tightening the nut. No tools needed for installation and removal.

The asymmetrically acting vibration protection holds the coupling nut tight in its position ensuring a low contact resistance between the nut of the connector and the housing of the connected device.

This is extremely important for permanently high protection against strong noise interference.



ecolink –
The new dimension in connection technology.



Technical data:

Operating voltage:

4 poles: 50 V AC / 60 V DC

5 poles: 30 V AC / 36 V DC

Nominal current: 4 A

Protection:

Screen not connected: IP 65, IP 67, IP 68, IP 69K / III

Screen connected: IP 65, IP 67 / III

In locked condition with the matching counterpart.

Tightening torque nut: 0.6...1.5 Nm

Note the maximum value of the counterpart.

Ambient temperature:

-25...90 °C, cable firmly laid

-25...90 °C, cable moved

Cable characteristics:

Drag chain, 2 million cycles

Materials:

Housing / moulded body: TPU

Contact carrier: TPU

Coupling nut: Nickel-plated brass

Contacts: Gold-plated

Sealing ring: Viton

Cable: PUR halogen-free, shielded,

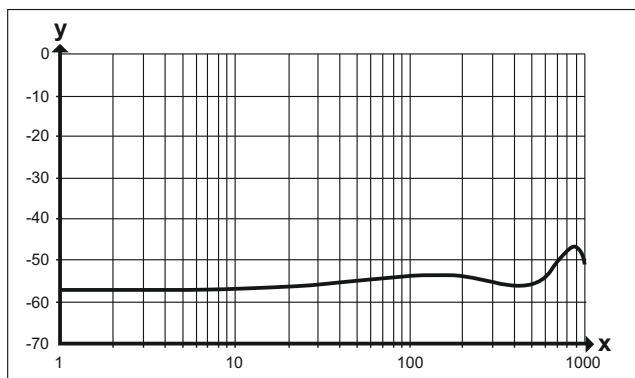
4 x 0.34 mm², Ø 4.9 mm

5 x 0.25 mm², Ø 4.9 mm









Approvals:

cRUus in preparation

Shielding characteristics



x: Frequency in [MHz]
y: Shielding characteristics in [dB]

Type	Connection / cable	Number of poles	Order no.
Screen not connected			
	2.0 m	4	EVC526
	5.0 m	4	EVC527
	10.0 m	4	EVC528
	2.0 m	4	EVC529
	5.0 m	4	EVC530
	10.0 m	4	EVC531
	2.0 m	5	EVC532
	5.0 m	5	EVC533
	10.0 m	5	EVC534
	2.0 m	5	EVC535
	5.0 m	5	EVC536
	10.0 m	5	EVC537
Screen connected			
	2.0 m	4	EVC538
	5.0 m	4	EVC539
	10.0 m	4	EVC540
	2.0 m	4	EVC541
	5.0 m	4	EVC542
	10.0 m	4	EVC543
	2.0 m	5	EVC544
	5.0 m	5	EVC545
	10.0 m	5	EVC546
	2.0 m	5	EVC547
	5.0 m	5	EVC548
	10.0 m	5	EVC549

Dimensions

