



Connection technology



ecolink M12, A coded – now wireable for industrial applications



Industrial applications /
factory automation



Innovative strain relief

Highly elastic seal

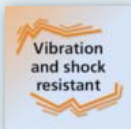
**Tried-and-tested ecolink
technology**

Shock and vibration resistance

**Protection rating:
IP 65, IP 67, IP 68, IP 69K**

Easy to assemble correctly

Halogen-free and silicone-free



Reliably sealed – even in case of intense cable movement

A special challenge is the reliable and permanent sealing of the cable. With this innovative and patented technology, strain relief and cable seal are strictly separated from each other, the strain relief being guaranteed by means of an extremely strong three-way ball clamp that reliably clamps the cable even in case of intense tensile strain.

The highly elastic cable seal is positioned right at the cable entry so as to prevent any contamination due to penetration of dirt. The highly elastic material prevents cable sheath deformation and reliably seals even in case of intense cable movement.

Simple and safe mounting

These connectors also feature the perfectly tried-and-tested ecolink technology that allows for reliable and manual M12 connection to the device without use of tools.



Technical data:

Operating voltage:

4-pole: 250 V AC / 300 V DC

5-pole: 60 V AC / DC

Nominal current: 4 A

Protection: IP 65, IP 67, IP 68, IP 69K

In locked condition with the matching counterpart.

Protection class: II

Tightening torque threaded sleeve: 0.6...1.2 Nm

Note the maximum value of the counterpart.

For cable diameter: 3.5...6 mm

Screw terminals: 0.25 mm²...1 mm²

Ambient temperature: -25...80 °C

Materials:

Housing / moulded body: PA

Contact carrier: PA

Coupling nut: nickel-plated brass

Threaded ring: plastic

Contacts: gold-plated

Sealing ring: Viton

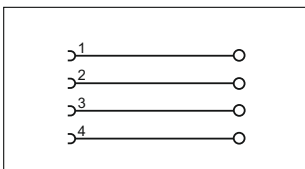
Approvals:

UL approval in preparation

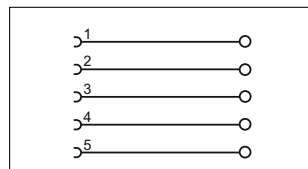
Applications:

factory automation,
machine tool industry

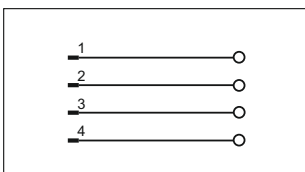
Wiring diagram



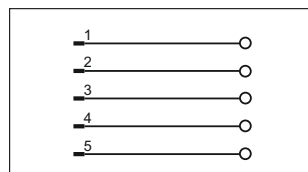
EVC810, EVC811



EVC814, EVC815



EVC812, EVC813



EVC816, EVC817

Products

Type	Description	Order no.
M12 socket		
	4-pole	EVC810
	5-pole	EVC814
	4-pole	EVC811
	5-pole	EVC815
M12 cable plug		
	4-pole	EVC812
	5-pole	EVC816
	4-pole	EVC813
	5-pole	EVC817

Dimensions

