



Connection technology

Compact low-profile M8 splitters with secure ecolink connection



Splitter boxes



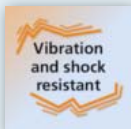
O-ring protection by a mechanical end stop

Perfect ingress resistance even when mounted without tools

High-quality materials for permanent reliability

Connection technology meets the M8 standard (EN 61076)

Little space required due to lean and flat design



Small design – maximum protection

In particular where space is at a premium, e.g. in robotics, handling and assembly technology, most applications require special solutions. Here the new, lean and flat M8 splitter with the tried-and-tested safe ecolink technology is a convincing solution. Only high-quality materials, safe production processes and fault-free installation ensure high machine uptime in the long run.

ecolink technology

The new ecolink technology prevents incorrect mounting. An integrated mechanical end stop protects the O-ring from destruction. So, rapid and secure installation is possible without an expensive torque wrench.



Technical data:

Operating voltage:
with LED 10...30 V DC

Nominal current:
total max. current rating 6 A
max. 2 A per location
with M12 connection
total max. current rating 2 A
max. 2 A per location

Protection: cable connection IP 65, IP 67, IP 68
connector IP 65, IP 67
in locked condition
with the matching counterpart.

Tightening torque M8 connector: 0.3...0.6 Nm,
adhere to the maximum value of the counterpart

Ambient temperature: -25...80 °C

Materials:

Housing: PUR

Contact carrier: PA

Fitting: CuZn/Ni

Contacts: gold-plated

Sealing ring: Viton

Cable: PUR, halogen-free

Applications:

Factory automation, machine tools,
hydraulics

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Type	Description	Order no.
	Socket, M12, 8-pole 10 m black, PUR cable	E11311
	Socket, M12, 8-pole 5 m black, PUR cable	E11232
	Socket, M12, 8-pole 10 m black, PUR cable	E12260
	Socket, M16, 8-pole 5 m black, PUR cable	E11226
	Socket, M16, 8-pole 10 m black, PUR cable	E11227
	Socket, M12, 12-pole, 5 m black, PUR cable	E12502
	Socket, M12, 12-pole, 10 m black, PUR cable	E12503
	Socket, M12, 12-pole, 15 m black, PUR cable	E12504
	Socket, M12, 12-pole, 5 m black, PUR cable	E12457
	Socket, M12, 12-pole, 10 m black, PUR cable	E12505
	Socket, M12, 12-pole, 15 m black, PUR cable	E12506

Products

Type	Signals on pin	Connection/ Cable [m]	Order no.
Splitter with cable connection · LED · PNP			
	4	5	EBC048
	4	10	EBC049
	2 and 4	5	EBC051
	2 and 4	10	EBC052
	4	5	EBC054
	4	10	EBC055
	2 and 4	5	EBC056
	2 and 4	10	EBC057
	4	5	EBC136
	4	10	EBC137
Splitter with connector · LED · PNP			
	4	M12, 8-pole	EBC050
	2 and 4	M16, 8-pole	EBC053
	4	M12, 12-pole	EBC138
	4	M12, 12-pole	EBC139

Dimensions

