

ifm efector



Introducing ecolink cordsets

High performance, great value

Includes new M12 patchcords



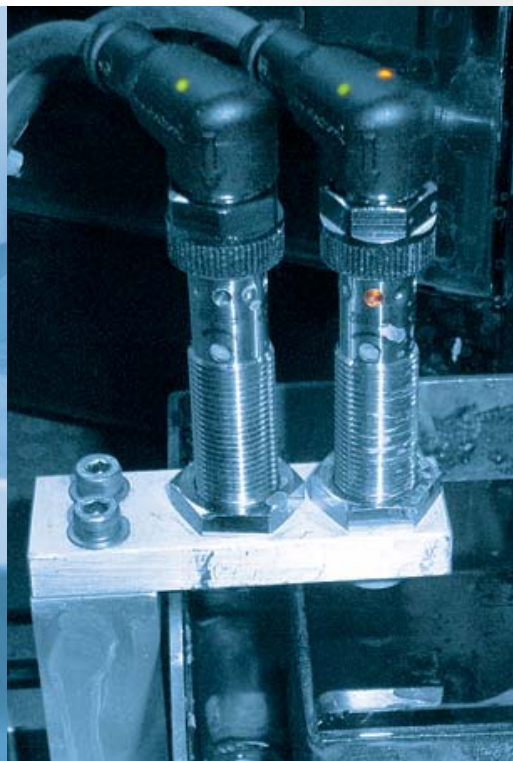
Connection technology





ecolink M12 cordsets for industrial automation

No more compromises on M12 cordsets! Introducing ecolink from ifm efector



ifm efector, a manufacturer and supplier of sensors and controls for industrial automation, introduces the ecolink M12 cordset product line.

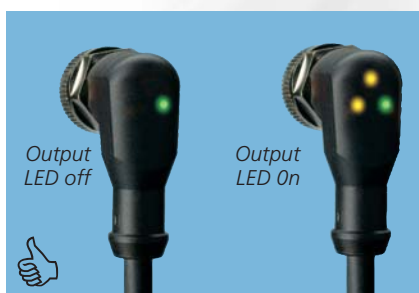
The new cordset family features a "lock-in-place" coupling nut that secures the cordset to a quick disconnect sensor and prevents the cordset from detaching – even in high shock and vibration environments.

The ecolink insert design acts as a mechanical end-stop that prevents possible damage to the Viton o-ring from over tightening. Installation is fast, and the cordset can be quickly attached.

Industrial automation **Oils and coolants**

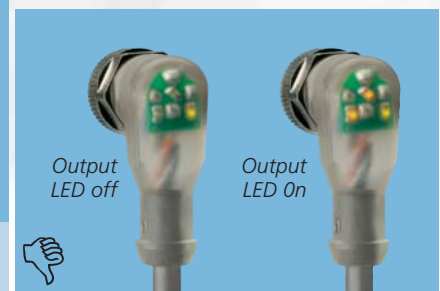
Make the switch to quick disconnect sensors with ecolink

In the past, many customers have not made the switch to quick disconnect sensors because of the additional cordset. To make the transition easier, ifm efector is now manufacturing a new line of cordsets that offer high performance at a great value. For example, our new LED cordsets offer secure mounting and bright status indication at a competitive price.



For status indication, ecolink offers a bright LED display. These models are designed with a black transparent housing that offers high visibility from greater distances and in well-lit areas.

ifm innovative LED design



Competitor LEDs with transparent housings are more difficult to see.

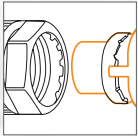
Competitive cordset LEDs



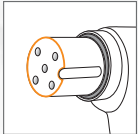
Technical features



High flex PUR-jacketed cable rated for over 5 million flex cycles.



"Lock In Place" coupling nut resists high levels of shock and vibration.



Special insert design acts as a mechanical end-stop preventing possible damage to Viton o-ring from over tightening.



Broad operating temperature of -25 to 90 °C with cRUus approval for the North American market.



ecolink materials of construction tested to withstand harsh conditions and aggressive oils and coolants.



Meets RoHS standards and is silicon and halogen free.

High performance, quick delivery and a great price.

How does ifm offer you cordsets with great quality, availability and value? Simply because you're dealing with the manufacturer directly. ifm efector's distribution center stocks a high level of inventory that can meet your just-in-time cordset needs.

Don't worry about the quantity. Just tell us the shipping method and we'll deliver on time, at your plant.

Product selection

Type	Cable Length	Part No.	List Price	Price* 250+ pcs.
Cordset: straight, right angle, and right angle with LED				
	2 m	EVC001	\$9.50	\$6.65
	5 m	EVC002	\$11.00	\$7.70
	10 m	EVC003	\$14.00	\$9.80
	2 m	EVC004	\$9.50	\$6.65
	5 m	EVC005	\$11.00	\$7.70
	10 m	EVC006	\$14.00	\$9.80
	2 m, LED	EVC007	\$11.00	\$7.70
	5 m, LED	EVC008	\$12.50	\$8.75
	10 m, LED	EVC009	\$15.50	\$10.85
Patchcord: straight female to straight male				
	0.6 m	EVC011	\$14.00	\$9.80
	1 m	EVC012	\$14.50	\$10.15
	2 m	EVC013	\$16.00	\$11.20
	5 m	EVC014	\$17.00	\$11.90
Patchcord: right angle female to straight male				
	0.6 m	EVC016	\$14.00	\$9.80
	1 m	EVC017	\$14.50	\$10.15
	2 m	EVC018	\$16.00	\$11.20
	5 m	EVC019	\$17.00	\$11.90

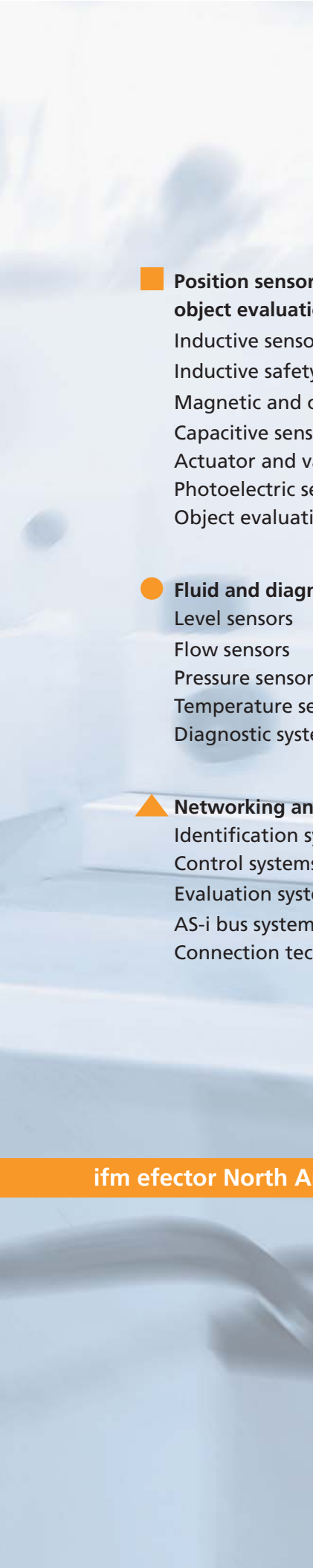
*ecolink cordset part numbers can be combined to receive quantity discount.

Technical data ecolink

Type	Description
Operating voltage	250V AC / 300 V DC
Operating voltage w/ LED	10...36 V DC
Nominal current	4 A (cRUus 3 A)
Protection rating	IP 67, IP 68 (in fully locked position)
Tightening torque of nut	0.6...1.5 Nm
Operating temperature	-13...194 °F (-25...90 °C)
Vibration / shock	750 g, 1 million cycles
Cable characteristics	5 million cycles
Housing / molded body	TPU
Insert	TPU
Coupling nut	Nickel plated brass
Contacts	Gold plated
Sealing ring	Viton
Cable	PUR, halogen-free, 4 x 22 awg, Ø 4.9 mm
Approvals	cRUus

Accessory

Type	Description	Part No.	List Price
	Cable stripping tool	E11952	\$10.00



■ **Position sensors and object evaluation**

Inductive sensors

Inductive safety technology

Magnetic and cylinder sensors

Capacitive sensors

Actuator and valve sensors

Photoelectric sensors

Object evaluation systems

● **Fluid and diagnostic sensors**

Level sensors

Flow sensors

Pressure sensors

Temperature sensors

Diagnostic systems

▲ **Networking and controls**

Identification systems

Control systems for mobile vehicles

Evaluation systems, power supplies

AS-i bus system

Connection technology