

EcoLeak | EL-SC

Water Sensing Cable



DATA SHEET



aquilar
leak detection solutions



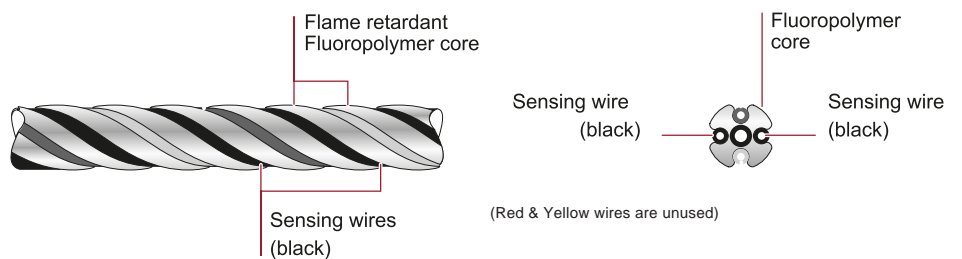
EL-SC Water Sensing Cable

The EcoLeak™ sensor cable detects water leaks at any point along the cable length. When used in conjunction with Eco-1 or Eco-6 zone alarm panels the cable senses the presence of a water leak, triggers an alarm and indicates the zone location of the leak. The cable is available in a variety of lengths up to 30 metres.

SIMPLE OPERATION

The conductive-polymer technology and fluoropolymer construction make EcoLeak sensing cable mechanically strong and resistant to corrosion and abrasion. The cable is constructed of two sensing wires embedded in a fluoropolymer carrier rod. The alarm module constantly monitors the sensing cable for continuity. The rugged cable construction exposes no metal, and enables the cable to be dried within seconds and re-used.

CABLE CONSTRUCTION



TECHNICAL INFORMATION

Breaking strength	Cable only: 72 kg Including connectors: 32 kg
Cut-through force	>22 kg with 0.13 mm in blade; crosshead speed 0.2 in/min
Abrasion resistance	>65 cycles per UL 719
Maximum continuous operating temperature	75°C
Connection	2 Pin, Male, Modular connector (not compatible with TraceTek 4 pin connectors)

PRODUCT CHARACTERISTICS

Cable diameter	0.24 in (6.0 mm) nominal
Continuity and signal wires	2 x 26 AWG with fluoropolymer insulation
Sensing wires	2 x 30 AWG with conductive fluoropolymer jacket
Core	Flame retardant Fluoropolymer
End of line resistor	Factory fitted (82kΩ) not extendable.
Cable weight	15 m length, 1 kg
Cable color	Black

PERFORMANCE DATA

Leak size to alarm	50 mm (2") maximum at any point along sensing cable (tap water)
Drying time	Cable dries and resets within 15 seconds of removal from standing water
Standard cleaning method	Wipe with clean damp cloth

ORDERING INFORMATION

Catalogue number	6600 EL-SC-1 EcoLeak Sensing Cable - 1m
	6605 EL-SC-3 EcoLeak Sensing Cable - 3m
	6610 EL-SC-5 EcoLeak Sensing Cable - 5m
	6615 EL-SC-10 EcoLeak Sensing Cable - 10m
	6620 EL-SC-15 EcoLeak Sensing Cable - 15m
	6625 EL-SC-20 EcoLeak Sensing Cable - 20m
	6630 EL-SC-25 EcoLeak Sensing Cable - 25m
	6635 EL-SC-30 EcoLeak Sensing Cable - 30m

Note: Bespoke lengths available to special order

ANCILLARY PRODUCTS

6124 Eco-1 EcoLeak Eco-1 Single zone alarm - 230Vac
6125 Eco-6 EcoLeak Eco-6 Six zone alarm Panel - 230Vac
6050 EL-LC-3 EcoLeak Leader Cable - 3m
6055 EL-LC-5 EcoLeak Leader Cable - 5m
6060 EL-LC-10 EcoLeak Leader Cable - 10m
6065 EL-LC-20 EcoLeak Leader Cable - 20m
6075 EL-LC-30 EcoLeak Leader Cable - 30m
6080 EL-LC-50 EcoLeak Leader Cable - 50m



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