

P-LFP1B Non-position Leak Sensing Cable Data sheet



Prosino sensing cables detect the presence of water at any point along their length. Installed with a Prosino locating module(P-LFP1),the cable senses water intrusion,triggers an alarm.

Distributed sensing

P-LFP1B sensing cables provide distributed leak detection and location over a wide range of areas.The cable is available in a variety of lengths to provide as much coverage as needed.

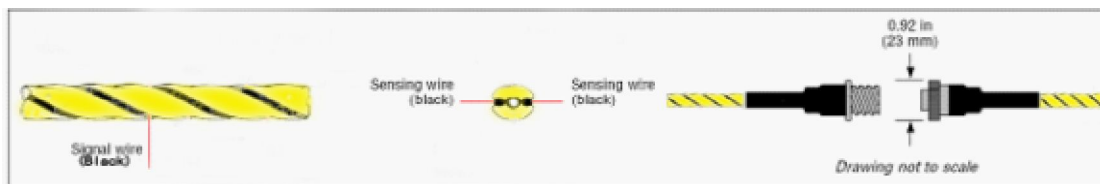
Design flexibility

P-LFP1B sensing cable is supplied with factory-installed plastic connectors that plug together. The cable is designed for a range of applications,including data center subfloors,telecommunication rooms HVAC equipment locations,pipes,electrical vaults,storage areas,tanks,and roofs.The cable is small,lightweight,and flexible,allowing easy installation.The smooth design allows for quick drying.

Advanced technology

The conductive-polymer technology and fluoropolymer construction make P-LFP1B 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 reused even in corrosive environments.

P-LFP1B



Product characteristics

Cable diameter	0.24 in(6.0mm)nominal
Sensing wires	2*30 AWG with jacket of conductive fluoropolymer
Carrier	Fluoropolymer
Cable weight(50 ft/15m length)	500g
Cable color	High-visibility yellow

Technical Information

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Breaking strength	Cable only:160lb(72KG) . Including connectors:70 lb(32kg)
Cut-through force	>50lb with 0.005(>22kg with with 0.13mm) in blade;crosshead speed 0.2in/min
Abrasion resistance	>65 cycles per UL719
Maximum continuous operating temperature	70degree

Performance Data

Leak size to alarm(tap water)	2 in(50mm)maximum at any piont along sensing cable ,up to 5000 ft maximum system length
Drying time	Cable dries and resets within 15 seconds fo removal from standing water
Standard cleaning method	Wipe with clean damp cloth

Non-position leak monitoring system accessories

SERIAL NUMBER	MODEL	NAME
1	P-FP1A	Non-position leakage controller
2	P-LFP1B	Non-position leakage sensing cable
3	P-LFP68	Non-position leader cable
4	F-P01	Fixed glue stick a clip

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