

Mo-line Sensor Cable



ANDEL Ranger Hydrocarbon Fuel Detection Cable detects the presence of liquid hydrocarbon fuels at any point along its length, yet does not react to the presence of water. Installed with a Floodline Ranger Control Panel, the cable senses the liquid, triggers an alarm, and pinpoints the location of the leak within one meter. ANDEL Ranger Hydrocarbon Fuel Detection Cable detection cable provides distributed leak detection and location for a wide range of applications. The cable is available in a variety of lengths to provide as much coverage as needed.

● Applications

These modular sensing cables may be connected in series to provide distributed monitoring for trenches, subfloors, and double-containment piping, or used individually for double-containment tanks, sumps, and small areas.

● Detection

Mo-line cable detects the presence of liquid hydrocarbon fuels at any point along its length, yet does not react to the presence of water. Installed with a Mo-line cable Control Panel, the cable senses the liquid, triggers an alarm, and pinpoints the location of the leak within one meter. Mo-line cable provides distributed leak detection and location for a wide range of applications. The cable is available in a variety of lengths to provide as much coverage as needed.

● Construction

Radiation-crosslinking and conductive-polymer technology is used to make Mo-line mechanically strong and chemically resistant. The core of the cable is constructed of two sensing wires, an alarm signal wire, and a continuity wire. The core is encased in a conduc-

tive-polymer jacket and surrounded with a fluoropolymer braid. This rugged construction allows the cable to perform reliably in the most demanding environments.

● Dimensions

Cable diameter: 8mm nominal.

Cable diameter with nominal connector: 13mm nominal.

● Fixing

For fixing to floor or other surface, use standard 6mm tower clips, selfadhesive clips or tape.

Fix to underside of pipe with tiewraps or tape inside/outside of lagging.

● Chemical resistance

Cable functions normally after exposure in accordance with ASTM D 543 at 23°C for seven days

● Water Resistance

Sensing cable: Less than 10 μ A leakage when immersed in salt water for 90 days. Connector system: Less than 10 μ A leakage when immersed in water at 10 psig for 24 hours.