



TFH-Gold Sensor Cable

Model No.: TFH-G

Overview

The PermAlert family of sensor cables are designed to meet the requirements of a wide variety of applications and environments including subfloors, overhead pipes, containment pipe systems, direct burial and foam insulation. The TFH-Gold sensor cable is specially designed to detect hydrocarbons. The highly flexible sensor cable is especially ideal for Oil & Gas applications such as pipeline, tank farm and refineries.

TFH-Gold Sensor Cable & Accessories

Model No.	Part No.	Description	Liquids Detected
TFH-G	8017640	TFH-Gold Sensor Cable	Hydrocarbons
CAGOLD	8027790	Gold Connectors w/Shrink Tube	NA
TAG	8057661	Cable Tags (100 pack)	NA
CMA	8057920	CMA Cable Mounts (100 pack)	NA

Features & Benefits

- Fast response time with sensing hydrocarbon liquids
- Hydrophobic technology ideal for both indoor and outdoor applications
- High degree of accuracy in detecting hydrocarbons along the length of cable
- Chemically resistant and no exposed metal
- High operating temperature designed for extreme environment applications
- Ruggedized coaxial cable construction for long service life
- Easy installation for long continuous cable run
- Customizable length and pre-installed connector options available

Specifications

Physical and Mountings

Diameter:	0.32" (8.13 mm)
Minimum Bend Radius:	1.5" (38 mm)
Weight:	73 lbs. / 1,000 ft. (33 kg/300 m)
Operating Temperature:	-40°F to 250°F / (-40°C to 120°C)
Maximum Pull Strength:	50 lbs. (23 kg)
Braid Color:	Black with blue strand

Performance - Hydrocarbon

Effective Length	<2,500 ft. (750 m)	<5,000 ft. (1500 m)	<7,500 ft. (2300 m)
Response Time	<60 sec.	<60 sec.	<60 sec.
Detection Sensitivity	3 ft. (1 m)	6 ft. (2 m)	18 ft. (5 m)
Location Accuracy	± 6 ft. (2 m)	± 30 ft. (9 m)	± 48 ft. (15 m)

Regulatory Compliance



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