



## AGW-Gold Sensor Cable

Model No.: AGW-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. All sensor cables are easily spliced and terminated with connectors. The AGW-Gold sensor cable has the flexibility to detect both water-based and hydrocarbon liquids. It's chemically resistant construction makes it capable of detecting high corrosive liquids.

### AGW-Gold Sensor Cable & Accessories

Model No.	Part No.	Description	Liquids Detected
AGW-G	8017705	AGW-Gold Sensor Cable	Water-based, acids, bases and 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 water-based liquids in seconds
- High degree of accuracy in detecting any liquids along the length of cable
- Quick dry reusable sensor cable that is maintenance free
- Chemically resistant and no exposed metal
- High operating temperature - ideal 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
- Passed UL 910 test for Plenum rating and contaminant resistant

## Specifications

### Physical and Mountings

Diameter:	0.32" (8.13 mm)
Minimum Bend Radius:	1.5" (38 mm)
Weight:	44 lbs. / 1,000 ft. (20 kg/300 m)
Operating Temperature:	-40°F to 400°F / (-40°C to 205°C)
Maximum Pull Strength:	50 lbs. (23 kg)
Braid Color:	Black with white strand

### Performance - Water

Effective Length	<2,500 ft. (750 m)	<5,000 ft. (1500 m)	<7,500 ft. (2300 m)
Detection Sensitivity	3 ft. (1 m)	3 ft. (1 m)	3 ft. (1 m)
Location Accuracy	± 6 ft. (2 m)	± 12 ft. (4 m)	± 18 ft. (5 m)

### Performance - Hydrocarbon

Effective Length	<2,500 ft. (750 m)	<5,000 ft. (1500 m)	<7,500 ft. (2300 m)
Detection Sensitivity	6 ft. (2 m)	15 ft. (4 m)	23 ft. (7 m)
Location Accuracy	± 6 ft. (2 m)	± 26 ft. (8 m)	± 40 ft. (12 m)

### Regulatory Compliance



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