



PermAlert[®]



AGW-Gold

Sensor Cable

Model No.: AGW-G

Overview

The AGW-Gold is a highly flexible and ruggedized sensor cable that can detect any liquids that includes water, purified water, hydrocarbons and engineered fluids such as dielectric fluids. Its high temp and chemical resistant constructions is ideal to meet wide variety of applications and environments including subfloors, overhead pipes, containment pipe systems and hazardous locations. The sensor cable is easily spliced and terminated with connectors along its length.

AGW-Gold Sensor Cable & Accessories

Model No.	Part No.	Description	Liquids Detected
AGW-G	8017705	AGW-Gold Sensor Cable	Water-based, acids, bases, hydrocarbons and dielectric fluids
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 & hydrocarbon-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)
Response Time	<10 sec.	<10 sec.	<10 sec.
Detection Sensitivity	<1 ft. (0.3 m)	<1 ft. (0.3 m)	<1 ft. (0.3 m)
Location Accuracy	± 6 ft. (2 m)	± 6 ft. (2 m)	± 6 ft. (2 m)

Performance - Hydrocarbon

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

Regulatory Compliance



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