



AGW-LSZH

Sensor Cable

Model No.: AGW-LS

Overview

The AGW-LSZH is a sensor cable that can detect any liquids that includes water, purified water, hydrocarbons and engineered fluids such as dielectric fluids. The low smoke and zero halogen construction makes the sensor cable ideal for application with stringent fire protection requirements. The sensor cable is easily spliced and terminated with connectors along its length.

AGW-LSZH Sensor Cable & Accessories

Model No.	Part No.	Description	Liquids Detected
AGW-LS	8017756	AGW-LSZH 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
- Moderate chemical resistance and no exposed metal
- Ruggedized coaxial cable construction for long service life
- Easy installation for long continuous cable run
- Customizable length and pre-installed connector options available
- Tested to UL 2885 and IEC 61034-2 standard

Specifications

Physical and Mountings

Diameter:	0.32" (8.13 mm)
Minimum Bend Radius:	1.5" (38 mm)
Weight:	39 lbs. / 1,000 ft. (18 kg/300 m)
Operating Temperature:	-40°F to 185°F / (-40°C to 85°C)
Maximum Pull Strength:	50 lbs. (23 kg)
Braid Color:	Purple

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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