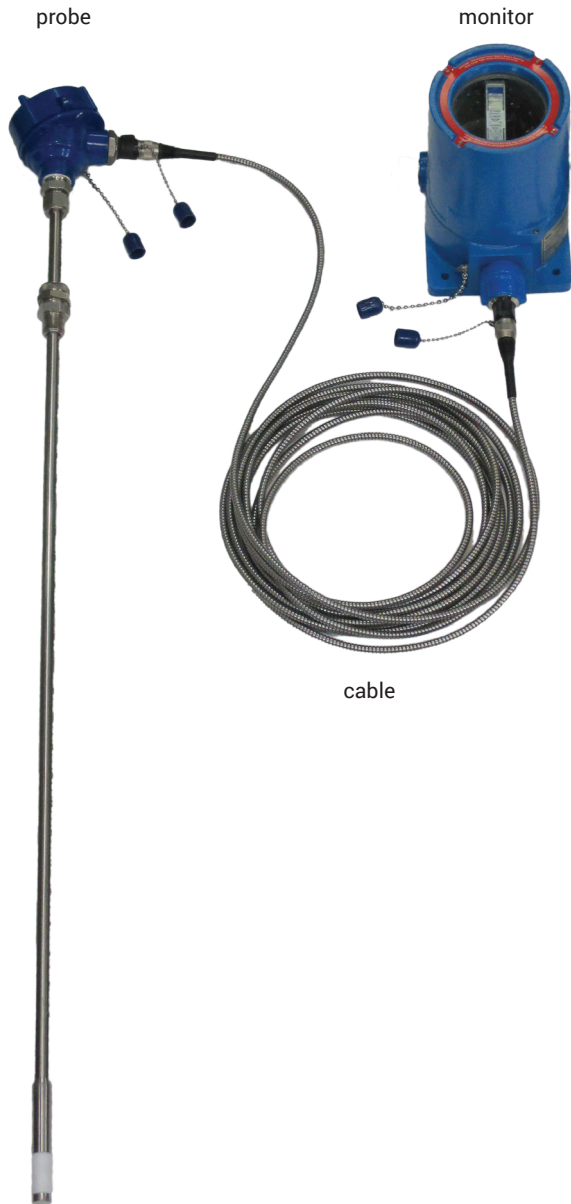


ADS Spillguard™ Systems



Application

- Shutdown and alarm system for tank cars, tank trucks, barges, and ships; suitable for open and closed domes

Sizes

- Standard cable lengths: 15', 25', and 50'; other lengths available
- Insertion lengths 4" to 60" standard; other lengths available

Features

- Rugged, explosion-proof, weather-, chemical-, and corrosion-resistant
- LED status lights visible through glass cover
- Inserts into tank through standard ½" NPT fitting
- Probe can be portable or permanently installed in the vessel
- Laser-engraved graduated rod with ¼" graduations
- Probe-to-controller cable protected by stainless steel interlocking armor sheath and heavy-duty latching connectors at both ends
- Fail-safe design: unit trips in the event of an open or shorted cable or loss of power
- Choice of capacitance, conductivity, or single-point ultrasonic sensors
- Input power: 120 VAC, 240 VAC, or 24 VDC, 2.5 watts
- Output relay de-energizes on high level, broken, or shorted sensor cables, or upon loss of power
- Sensor excitation open circuit voltage 8 VDC, short circuit current 8 mA with built-in FM-approved barrier
- Optional self-test feature, tilt and ground verification interlocks, and latching circuit available

Materials

- Wetted materials: 316 stainless steel and PTFE standard; other materials available
- Controller housing NEMA 4X, NEMA 7, Explosion Proof, Class I, II, Groups B, C and D

Specifications

- Minimum dielectric constant: 1.8
- Temperature range:
 - capacitance probe: -14°F to 250°F (-26°C to 121°C)
 - high-temp capacitance probe: -14°F to 325°F (-26°C to 163°C)
- Probe pressure rating: **50 PSI** with standard fitting; consult Dixon for applications up to **300 PSI**
- Sensor suitable for Class I, II, III, Div 1, Groups A, B, C, and D when used with supplied controller and cable lengths of 10,000' or less
- Each channel has a SPDT relay output, rated 1 amp 125 VAC

Approvals

- Cable connectors designed for repeated mating meet IP 65 mechanical and environmental specifications
- FM, CSA HAZ Loc Class I Div I, Groups B, C and D

A210 Spillguard™ Monitors

Monitor Options	24V DC Part #	120V DC Part #
dual channel control monitor	A212-24	A212-120