

## ADS SPILLGUARD® MONITOR



\* Referential image

\*\* Some features may vary without prior notice. Sale subject to inventory availability

DATE

: 04/21/2026 04:53 AM

SKU

: 23003

BRAND

: DIXON VALVE

MODEL

: A210R-120

### Applications:

Shutdown system for tank cars, tank trucks, barges and ships, suitable for open and closed dome

### Specifications:

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

Probe temperature range: -14°F to 212°F (-26°C to 100°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

Output relay contacts 2 form C (2PDT) rated 2 amps at 120/240 VAC, 1 form C (SPDT) with optional latching circuit and reset switch

### Features:

Rugged, explosion proof, weather, chemical and corrosion resistant

LED status lights visible through glass cover

Inserts into tank through standard 1/2" NPT fitting

Probe can be portable or permanently installed in the vessel

Laser engraved graduated rod with 1/4 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, ultrasonic, temperature or float 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 loss of power

Sensor excitation open circuit voltage 8 VDC, short circuit current 8MA with

built-in FM approved barrier

Optional self test feature, tilt and ground verification interlocks and latching circuit available

Construction:

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

Available Options:

Standard cable lengths: 15', 25' and 50', other lengths available

Insertion lengths 4" to 60" standard, other lengths available

Safety notes:

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## TECHNICAL SPECIFICATIONS

<b>Description</b>	with ex reset switch, 120 VAC
<b>Factory Part Number</b>	A210R-120
<b>Pressure Rating</b>	50 PSI with standard fitting, consult Dixon® for applications up to 300 PSI
<b>Temperature Range</b>	-14°F to 212°F (-26°C to 100°C)