ADS SPILLGUARD® MONITOR

DATE
: 11/24/2026 12:53 AM

SKU
: 23003

BRAND
: DIXON VALVE

MODEL
: A210R-120



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

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

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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

TECHNICAL SPECIFICATIONS

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

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