ADS OUTALARM® WITH HIGH TEMPERATURE CAPACITANCE PROBE



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

DATE
: 11/23/2026 07:55 PM

SKU
: 22990

BRAND
: DIXON VALVE

MODEL
: A100HC12A

Applications:
Specifically designed for liquid terminal operation on batch loading and overfill protection, unloading, tank cars, tank trucks, marine barges, suitable for open and close dome

Specifications:
Intrinsically safe design per ANSI/UL913 Class I, Div I Groups A, B, C and D Hazardous Areas
Minimum dielectric constant 1.7
Temperature range: high-temp capacitance probe:-14°F to 325°F (-26°C to 163°C)
Activation point 1/4" above liquid surface
Compatible with any liquid or dry bulk material with a dielectric constant of 1.7 or greater
Horn intensity 101 dB at 2'
Light output 3 each 3000 mcd high intensity flashing LED's
Pressure rating on standard unit: 50 PSI, consult Dixon® for applications up to 300 PSI

Features:
Totally self-contained; no wires, tubing or external power
Rugged weather and corrosion resistant construction
No moving parts, tip sensitive phase shift™ digital capacitance sensor for conductive and non-conductive fluid
Requires no calibration or adjustment
Adjustable insertion length through a standard 1/2" NPT fitting
High intensity audible and flashing visual outputs
Optional opto-isolated solid state contact output
Full, hard graduated laser engraved rod
A100 operates up to 2500 hours n a single 9V alkaline battery
Fail safe continuous battery monitor goes to alarm state on low battery

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TECHNICAL SPECIFICATIONS

Factory Part Number	A100HC12A
Length	12"
Pressure Rating	50 PSI, consult Dixon® for applications up to 300 PSI
Temperature Range	-40°F to 325°F (-40°C to 162°C)

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