

ADS OUTALARM® WITH CAPACITANCE PROBE



DATE
: 04/15/2026 07:07 AM

SKU
: 22986

BRAND
: DIXON VALVE

MODEL
: A100C48A

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: capacitance probe: -14°F to 250°F (-26°C to 121°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 nonconductive fluid, conductivity sensor with integral splash shield

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 on a single 9V alkaline battery

Fail safe continuous battery monitor goes to alarm state on low battery

* Referential image

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

TECHNICAL SPECIFICATIONS

Factory Part Number	A100C48A
Length	48"
Pressure Rating	50 PSI, consult Dixon® for applications up to 300 PSI
Temperature Range	-40°F to 325°F (-40°C to 162°C)
Weight Lb	3.5000