

Level Transmitter



Reliable monitoring of liquids and solids for a continuous level output

Over 30 years of Arjay's field proven HF capacitance technology has been applied to the 9080 level transmitter. The probe continuously monitors product levels to provide a proportional level signal for pumps, alarms or control system interface.

- capacitance technology does not foul or require cleaning
- no moving parts
- electronics is close coupled to probe
- simple push button calibration

9080

The 9080 sensing probe monitors the capacitance field around the active probe. As the volume of product increases in the vessel, the probe capacitance changes. A 4-20 mA output signal is provided for interface with customer controls and systems. A quick calibration can be set at any two points along the probe length.

■ Features and Benefits

- no moving parts
- electronics is integral to the probe
- high corrosion resistant Teflon and stainless steel wetted parts
- capacitance technology responds to all product types
- HF capacitance technology does not require routine cleaning
- easy calibration and control set-up

■ Technical Specifications - Electronics

Ambient Temperature	0°C to 50°C
Power Input	12-24 vdc, 0.1 amp
Output	4-20 mA non-isolated, non-loop powered
Interface	RS-485 Modbus available
Standards	UL, CSA, Entela
Enclosure	epoxy coated cast aluminum, explosion proof, Class 1, Zone 1 or 2 (DIV 1 or 2)

■ Technical Specifications - Probe

Process Temperature	-60°C to 260°C
	ABSA-CRN #OF07450.2



All calibration and power wiring is available at the main control unit. This is mounted directly onto the probe.

Arjay SS-06



Arjay Engineering Ltd.
2851 Brighton Road
Oakville, Ontario
Canada L6H 6C9

tel
fax
N. America
email
web

++1 905-829-2418
++1 905-829-4701
1-800-387-9487
arjay@arjayeng.com
www.arjayeng.com

