



LOW MAINTENANCE

FAST RESPONSE

NO WASTE

STABILIZED BROMINE SENSOR

No costly reagents or tubing to replace
Continuous measurement technique
Sample can be returned to the process under pressure



Walchem's

Amperometric Stabilized Bromine Sensors offer a cost-effective and reliable solution to your control requirements. The sensors continuously and directly measure the chemical concentration, without the use of reagents.

Where ORP sensors and other amperometric sensors cannot reliably and repeatably measure bromine that is stabilized with sulfamate, **this sensor can!**

W A L C H E M

IWAKI America Inc.

Walchem integrates its advanced sensing, instrumentation, fluid handling and communications technologies to deliver reliable and innovative solutions to the global water treatment market. Our in-house engineering is driven by quality, technology and innovation.

For more information on the entire Walchem product line, visit walchem.com

	104318	104319
Measurement Specifications		
Range (Nominal) Resolution	0-2 ppm	0-20
Calibration Interferences Flow	0.001 ppm	ppm 0.01
rate of sample pH of sample	Weekly, as determined by DPD-4 method	
Conductivity Range Response	Chlorine and Chlorine Dioxide are also measured	
time Conditioning time	30-100 lph (0.13 to 0.44 13 gal/min)	
Electrical Specifications	6.5 – 9.5	
Power requirements Signal	10 µS/cm minimum	
Maximum cable length	2 minutes	
Extension cable Mechanical	2 hours	
Specifications Operating		
Pressure Operating	±5 VDC, 10 mA maximum	
Temperature Sensor materials	0 to -2000 mV DC	
Flow manifold materials Flow	30 meters (100 feet)	
cell inlet Flow cell outlet	2 twisted pair, 22 AWG, shielded, 35 pF/ft (Walchem 100084, Belden 8723)	
Storage Sensor Electrolyte		
	0-6 bar (0-90 psi)	
	0-45 °C (32-113 °F)	
	PVC, PEEK, Stainless Steel, Microporous hydrophilic membrane	
	PVC, Isoplast, FKM, acrylic, GFRPP, 316 SS	
	¼” NPTF	
	¾” NPTF	
	Unlimited if stored dry without electrolyte at 5-40 °C (41-104 °F)	
	In original bottle protected from sunlight at 5 to 35°C, 1 year or until specified expiration date	
Membrane Cap	Unlimited if unused in original packaging at 5-40 °C (41-104 °F) Used membrane caps cannot be stored!	

ORDERING INFORMATION

For W100, W600, W900 and Intuition Series Controllers

Choose one sensor:

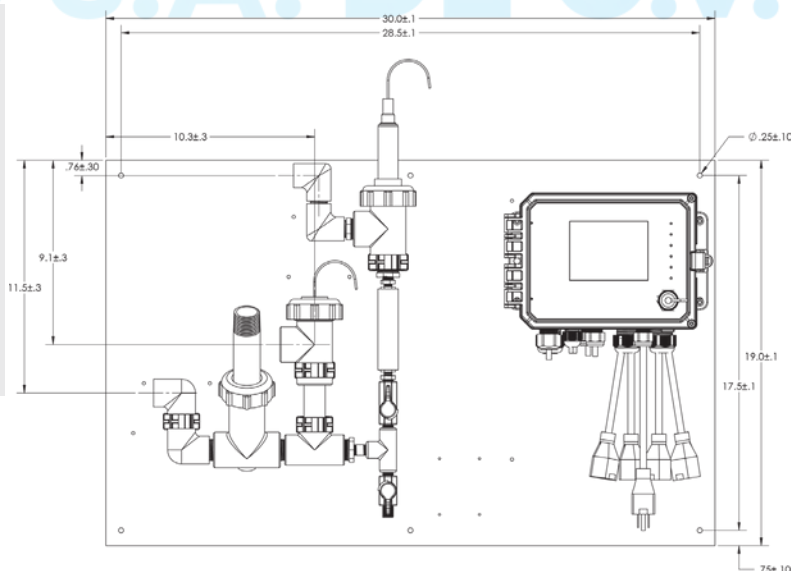
104318 Sensor, stabilized bromine, 0-2 ppm
or 104319 Sensor, stabilized bromine, 0-20 ppm

Choose one flow cell:

W600-DS-PN Flow switch manifold on panel, 3' cable or
W600-DS-FN Flow cell, 20' cable



Scan the QR code with your smartphone camera to access more detailed information!



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