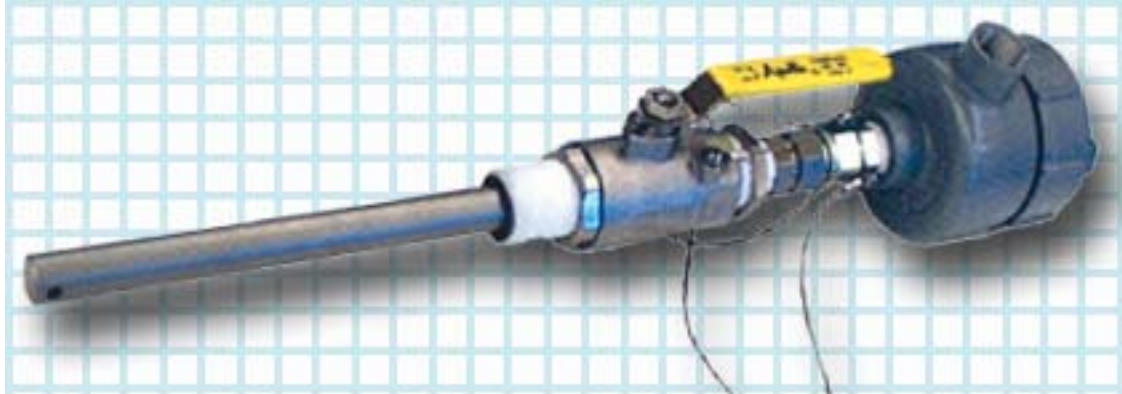




The 3rd Generation pH Sensor from the Same Mind that brought you the first 2.

BARBEN
Analyzer Technology, LLC

Ball valve insertion 2 - electrode conductivity sensor



Features:

Ease of maintenance in process line and tank applications
Wide range of cell constants to improve accuracy over many conductivity ranges
Compatible with most transmitters
Standard sensor includes 10' integral cable and 3/4" MNPT SS316 swage fittings

Sensor types:

CS 40 Conductivity sensor and ball-valve insertion system

Wetted Materials Include:

Kynar, Teflon, 316 Stainless, CPVC, EPDM.

Maximum Pressures & Temperature Ratings:

Standard Sensor Max. 100PSIG @ 150° C. ,Probe Constant 2.0/1.0/0.1/0.05
High Temp Sensor Max. 250PSIG @ 205° C. ,Probe Constant 2.0/1.0/0.1/0.05
Sensor with Ball Valve Assy Rated Max. 50PSIG @ Either Sensor Max Temp.

800-993-9309

775.883.1194 • 775.882.7900 • fax 775.883.6388 • www.BAT4pH.com • 1701 S. Sutro Terrace • Carson City, NV 89706 USA



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BARBEN

Analyzer Technology, LLC

Hi Pressure, Hi Temp 16" Valve insertion 2 Electrode Conductivity Sensor

CS40	Hi Pressure, Hi Temp Ball Valve Insertion Conductivity Sensor					
	Probe Constants (Value below must be specified)					
	2.00	2.00				
	1.00	1.00				
	0.20	0.20				
	0.10	0.10				
	0.02	0.02				
	0.01	0.01				
	High Range Probe Constants					
	20.0	20.0				
	10.0	10.0				
	5.0	5.0				
	Operational Temperature Range					
	[]	Standard up to 150 Degrees C, PCTFE Insulator				
	HT	High Temp. up to 205 Degrees C, PEEK Insulator (Not Avail for High Range Constants)				
	Integral Thermocompensation					
	10K	10K Ohm @25 Deg C, NTC (ECD, STI, Uniloc) (For applications to 150 Deg C only, NA for HT)				
	GLI	3K Ohm @25 Deg C, NTC (Great Lakes)				
	Pt100	100 Ohm @0 Deg C, PTC (BAT and Others)				
	Pt1000	1000 Ohm @0 Deg C, PTC (BAT and Others)				
	X	Other				
	Configuration					
	JB	Junc Box, Expl Proof, Incl 8" Leads & Term				
	PT	8" Pig Tail, for Cust Suppl Junc Bx Inc Term Str				
	10	Footage 1-10Ft (Whole Numbers Only)				
	20	Footage 11-20Ft				
	30	Footage 21-30Ft				
	40	Footage 31-40Ft				
	50	Footage 41-50Ft				
	X	Other				
	Lead Terms (For Cable Ftg Lengths Only)					
	TL	All Tinned Leads				
	SL	All Spade Lugs				
	X	Other				
	Hdw Opts (More than 1 OK)					
	SSV	1" SS Ball Vlv, 1" SS Cmp Ftg & 1" SS Nip				
	LA	Safety Lanyard for 1" ball valve 50 psig max				
	SL	Safety Lip				
	X	Other				
CS40	1	PT100	10	TL	LA	Typical

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