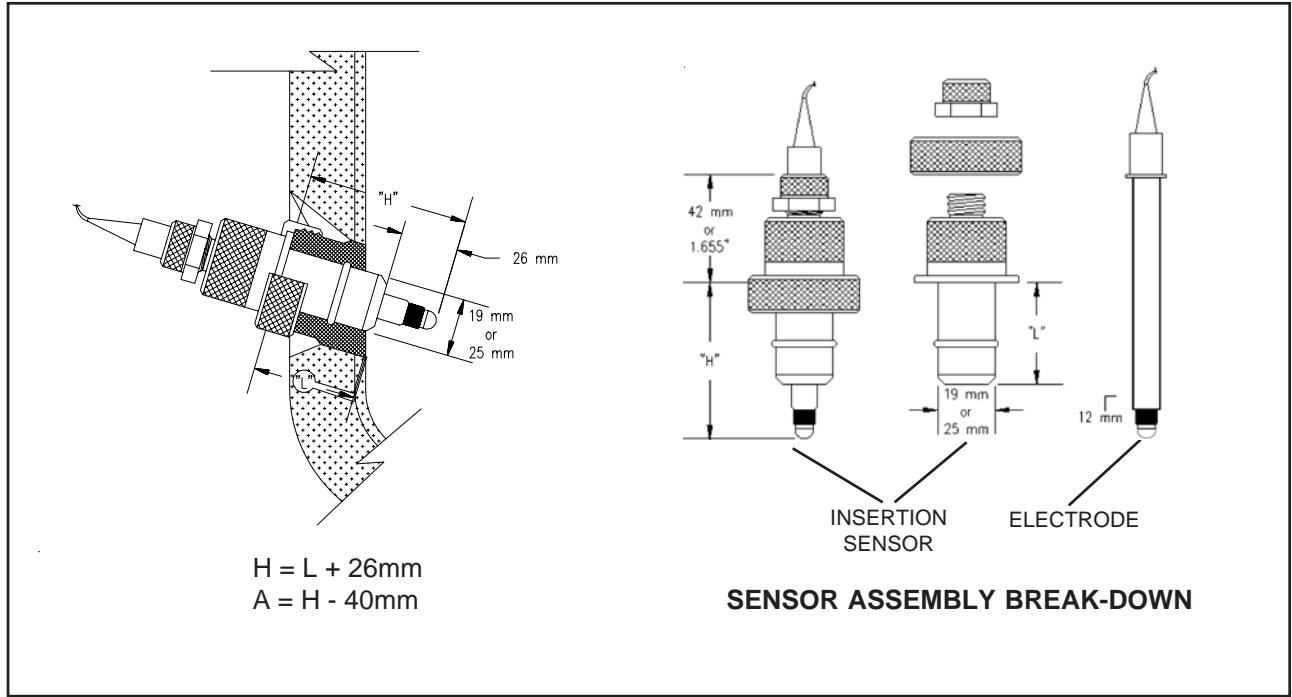


SEALED IN-SITU SENSOR FOR FERMENTATION

2/07



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Description

This new generation, low cost, steam sterilizable insertion sensor is specifically designed for low maintenance requirements. The sensor can be installed vertically or through a side entry port (either 19mm or 25mm) in fermentors and reactors. The assembly is low profile and features an easily replaceable, sealed, combination pH or ORP electrode. Electrode replacement is accomplished in a matter of seconds without complete dismantling of the assembly or the use of special tools.

Application

Replacement electrodes are designed to withstand repeated steam sterilization cycles. Since the electrodes are sealed, pressurization or refilling of the reference is not required. Encompassing the most recent design features in sealed electrode technology, the electrodes are constructed with a double reference reservoir and sealed with special high temperature reference electrolyte. A large surface area annular ceramic junction eliminates clogging problems which can be a problem with sterilizable electrodes.

Standard Specifications

"H" Lengths:	70mm, 100mm, 150mm & 200mm (Special insertion lengths available.)
Electrode Materials:	Glass & Ceramic
Housing Material:	316LSS
O-ring Material:	Silicone
Cable Length:	10 Feet (Detachable Available)
Connector Type:	BNC

SEE REVERSE SIDE FOR SENSOR AND ELECTRODE SELECTION.

**SEALED IN-SITU AND ELECTRODE
SELECTION**

SEALED pH/ORP ELECTRODES:

PART NUMBER	TYPE	RANGE	TEMPERATURE	DESCRIPTION
V-0000-10H-"A" S7906640-10B-"A"	pH ORP	0-14 pH ±1999 mV	0-130 °C 0-130 °C	COMBO, GXV DJ DOMED (SPR) COMBO, PLATINUM DJ

IN-SITU SENSOR ASSEMBLY AND LENGTHS:

PART NUMBER	DESCRIPTION
4051195-"H"	INSERTION SENSOR (STANDARD PORT SIZE IS 25MM. FOR 19MM SIZE ADD "A" AFTER PART NUMBER.)

INSERTION SENSOR "H" LENGTH	ELECTRODE "A" LENGTH
70MM	30MM
100MM	60MM
150MM	110MM
200MM	160MM
300MM	260MM

**FOR ADDITIONAL PRODUCT INFORMATION,
CALL 713/772-6641 OR 800/522-7920
E-mail: sales@VL-PC.com
www.VL-PC.com**