

LCP Differential 1.5" pH sensor, LCP, 5-wire, 22.5m cable

Продукт №: **6028P075**

ОСТАРЯЛ АРТИКУЛ
Този артикул вече не е наличен.

Differential pH sensor with patented measurement technology using 3 electrodes. Low maintanance, versatile mounting styles, great accuracy and reliability. Chemical resistant body.

By the field-proven technique, process (glass) and reference electrodes measure differentially with respect to a third ground electrode for excellent measurement accuracy and reduced junction potential. Built in preamplifier to provide strong signal

for transmittance on long distance. Designed for tee-mounting or pipe mounting for immersion. Chemically resistant and mechanically strong body for use even in aggressive process solutions. Low heat distortion, suitable for cooling/heating cycles.

Installation in metal fittings without fear of leakege possible. Easily regenerated for further use by replacing the salt bridge and standard cell solution. Built-in temperature compensation, all electronics encapsulated for protection against moisture and humidity.

Exceptional Performance with the Differential Electrode Measurement Technique
This field-proven technique uses three electrodes instead of the two normally used in conventional pH sensors. Process and reference electrodes measure the pH differentially with respect to a third ground electrode. The end result is unsurpassed measurement accuracy, reduced reference junction potential, and elimination of sensor ground loops. These sensors provide greater reliability, resulting in less downtime and maintenance.

Lower Maintenance Needs with the Replaceable Salt Bridge
The salt bridge creates a barrier to contamination which minimizes the dilution of the internal standard cell solution. The result is lower maintenance needs and a longer time period between calibrations.

Built-in Preamp or Two-Wire Transmitter
The built-in preamp produces a strong signal, enabling you to locate the analyzer up to 3000 ft. (914 m) from the sensor. An optional built-in two-wire transmitter is available for applications requiring a 4-20 mA sensor signal. This option requires that the indicating instrument of the measuring system be capable of providing 24 VDC to power the sensor, and have adjustment means to calibrate for zero offset and span.

Versatile Mounting Styles
1.5 inch NPT threads are provided on both ends of the convertible mounting style sensor for either mounting into a pipe tee or attaching to the end of a pipe for immersion. The convertible style enables you to consolidate inventory, and thereby reduce associated costs. A union-mount style sensor and mounting tee are also available to conveniently install and remove the sensor for in-line service.

Спецификации

Диапазон на налягането:	max 10.7 bar Sensor only (pressure range of mounting hardware to be checked separately)
Дължина:	180 mm
Дължина на кабела:	22.5 m 75 ' 5-conductor (plus shield)
Електрод, материал:	Glass
Измерване, диапазон:	0 - 14 pH
Изместване на показанията:	0.03 pH per 24 hours, non-cumulative
Материал:	Titanium or Hastalloy C

Материал на тялото (измервателния уред):	LCP
Монтаж, вид:	Convertible (immersion or flow-through mount)
Поток:	max 3 m/s
Работен температурен диапазон:	-5 - 95 °C (sensor only)
Резба на датчика:	1.5" NPT at both ends
Температурен датчик:	NTC 300 Ohm thermistor for automatic temperature compensation and analyser temperature readout