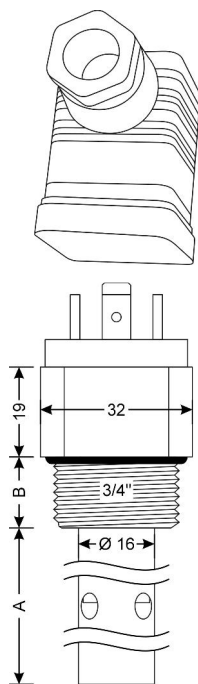


-90 -80 -70 -60 -50 -40 -30 -20 -10

-10
-20

Conductance Probe LWS-01



Part-No.	A	B
E1926	22 mm	19 mm
E1927	22 mm	19 mm
E1928	56 mm	15 mm



Technical Data

Electrode Material
premium steel 1.4571 (V4A)

Probe Factor / Measuring Range
K = 0,1 / 0 ... 500 µS/cm

Accuracy
+/- 2,0 %

Temperature-Compensation
via Pt100 (*not with E1926*)

Cell Housing Material
PP
PVDF *

Temperature resistant to max.
70 °C
120 °C *

Pressure-resistant to, at max.
16 Bar, 50 °C
16 Bar, 100 °C *

Connector / Protection Type
4-pol. angled plug / IP65

Pin Assignment
electrodes: 2 + SL
Pt100: 1 + 3 (*not with E1926*)

Dimensions
3/4" screw-in thread,
widths across flats: 32 mm;
further dimensions see figure left

Climatic Conditions
acc. to DIN EN 60204-1 (05-2010)

Ambient Temperature
operation: +0 ... +70 °C
transport / storage: -25 ... +70 °C

* LWS-01 with extended temperature range up to 120 °C (E1927)

Ordering Information:

LWS-01 PP: E1926

LWS-01 Pt (with Pt100): E1928

LWS-01 PV Pt (with Pt100): E1927

The LWS-01 Conductance Probe is a 2-electrodes conductivity measuring cell. It is available in three variants: without – and with temperature compensation by means of Pt100 temperature measurement, as well as for an extended temperature range up to 120 °C (see Technical Data / Ordering Information).