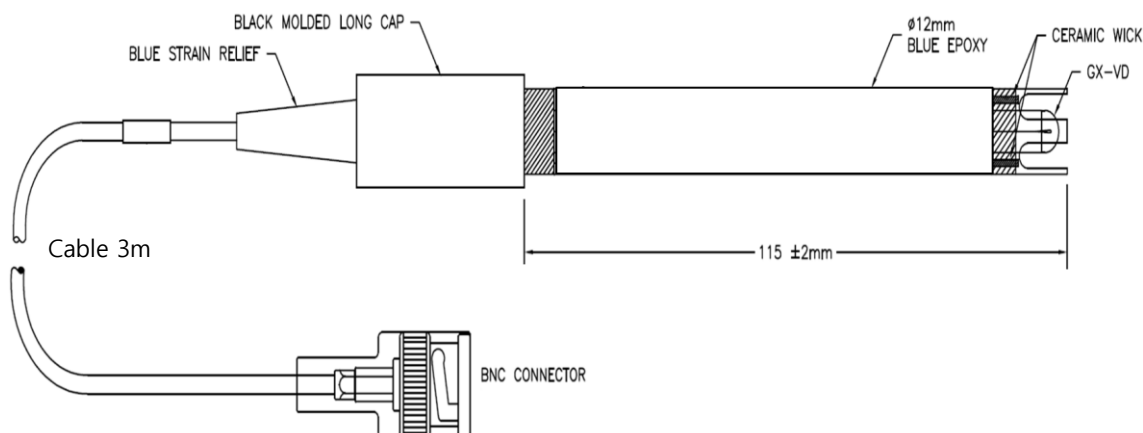


PE-300_10B

pH Electrode



■ *Technical Data*

pH RANGE	pH 0 TO 14 pH
SLOPE (pH 7 TO pH 4 BUFFER)	165 TO 180 mV (93 TO 102%) AT 25°C
OFFSET (IN pH 7 BUFFER)	0 mV ±25 mV AT 25°C
ACCURACY	±0.03 pH UNIT
RESPONSE TIME	±0.1 pH UNIT IN 30 SECONDS AT 25°C
OPERATING TEMPERATURE RANGE	0 to 80°C
OPERATING PRESSURE RANGE	0 to 40 psi at 25°C
REFERENCE JUNCTION RESISTANCE	<50 KOHM AT 25°C
pH GLASS RESISTANCE	<500 MOHM AT 25°C
GLASS TYPE	GX-VD
REFERENCE JUNCTION/TYPE	CERAMIC WICK/SEALED
REFERENCE INNER SOLUTION	4M KCL/AGCL (2IES-KCL)
REFERENCE OUTER SOLUTION	4M KCL (2IST-KCL)
TEMPERATURE COMPENSATION (T.C.)	N/A
pH/REF SHIPPING CAP	10ml SOAKER BOTTLE
SHIPPING CAP SOLUTION	4M KCL/pH 4 BUFFER (50/50)

■ QC Procedure

SLOPE (pH 7 TO pH 4 BUFFER)	165 TO 180 mV (93 TO 102%) AT 25°C
OFFSET (IN pH 7 BUFFER)	0 mV $\pm$ 25 mV AT 25°C
TEMPERATURE COMPENSATION (T.C.)	N/A
THERMAL SHOCK	25°C TO 80°C TO 25°C