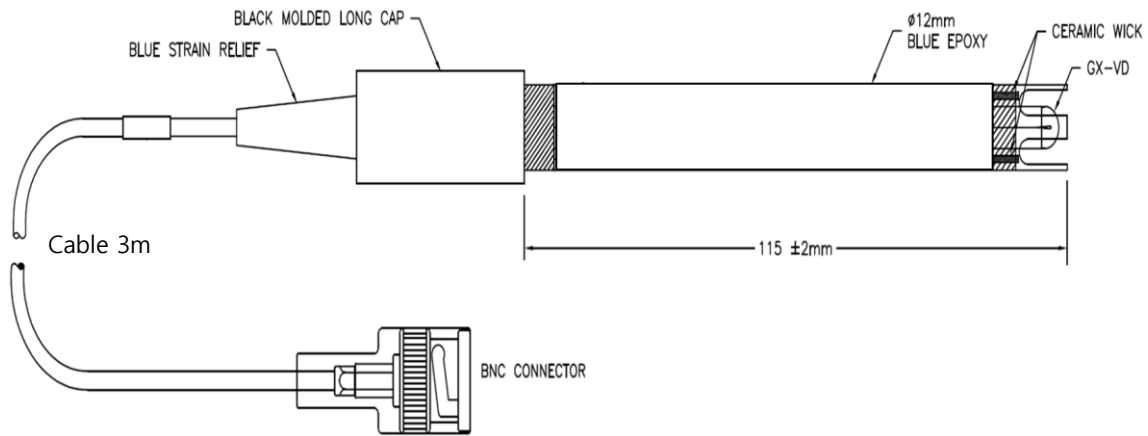


PE-300_10B pH Electrode



■ 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 Proceudue

| | |
|---------------------------------|------------------------------------|
| 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 |
| TEMPERATURE COMPENSATION (T.C.) | N/A |
| THERMAL SHOCK | 25°C TO 80°C TO 25°C |