

## Datasheet

### FOODTRODE (p/n 238285)

#### Application Fields:

Robust, refillable pH electrode for measurements in media containing proteins.

Often used in food applications.

3 ceramic diaphragms guarantee quick and accurate measurements.

#### Specifications:

|                          |  |
|--------------------------|--|
| Serial Number:           | Yes  |
| Certificate:             | Yes, with measured values in buffer pH 4.01 and pH 7.00  |
| Measuring Method:        | Combination electrode, potential measured against reference electrode                          |
| Range:                   | pH 0 to 14   |
| Zero-Point:              | 0 +/- 20 mV  |
| Sensitivity:             | 57 ... 59 mV / pH at 25°C  |
| Temperature Range:       | -10 to 100°C   |
| Electrolyte:             | HAMILTON PROTELYTE, silver free (p/n 238038)   |
| Reference System:        | HAMILTON EVEREF  |
| Shaft Material:          | Glass  |
| Shaft Diameter:          | 12 mm  |
| Shaft Diameter below:    | --   |
| Shaft Length (a):        | 120 mm   |
| Membrane glass:          | HAMILTON type V glass  |
| Membrane shape:          | Cylindrical  |
| Diaphragm:               | Ceramic  |
| Number of diaphragms:    | 3  |
| Minimum immersion depth: | 20 mm  |
| Electrical Connector:    | Type S7 - standard pH connector head, suitable for most brand name quality S7 or AS7 pH cables |
| Temperature Sensor:      | No   |
| Recommended Storage:     | HAMILTON Storage Solution (P/N 238931) or 3M KCl (P/N 238036 or 238936)                        |

