


Data Sheet FERMOTRODE

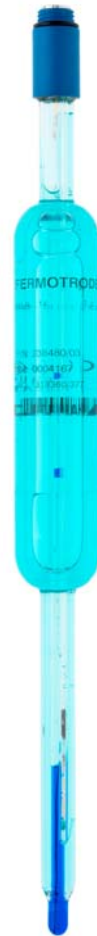
The maintenance free FERMOTRODE sensors are designed for measuring the pH in pharmaceutical and biotechnological industries. The EVEREF-F reference cartridge ensures that the reference electrolyte SKYLYTE remains free of silver and precipitation. It withstands steam sterilization. It is not suited for contact with hot leach like in CIP-cleanings or for use in media containing citric acid.

Application Fields:

Chemical industry, pharmaceutical industry, biotechnology

Specifications:

Serial Number:	Yes
Certificate:	No
Measuring Method:	Combination electrode, potential measured against reference electrode
Range:	pH 0 ... 14
Zero-Point:	0 ± 20 mV
Sensitivity:	57 ... 59 mV / pH at 25°C
Temperature Range:	0 ... 130°C
Pressure Range:	0 ... 4 bar
Electrolyte:	SKYLYTE
Reference System:	HAMILTON EVEREF-F, Silver ion barrier included
Liquid Earth:	No
Shaft Material:	Glass
Membrane glass:	HAMILTON type PHI glass
Sample: min Conductivity:	50 µS/cm
Diaphragm:	COATRAMIC
Number of diaphragm:	3
Steam sterilizable:	Yes
Autoclavable:	No
CIP:	No
Electrical Connector:	Type S7 – standard pH connector head, suitable for most brand name quality pH cables
Temperature Sensor:	No
ATEX approval:	Yes, CE 0035  II 1/2 G EEx ia IIC T4/T5/T6
Recommended Storage:	HAMILTON Storage Solution (p/n 238931) or 3M KCl (p/n 238036 or 238936)



Ordering Information:

Part Number	Description	a-length
238480	Fermotrode 120	120 mm
238482	Fermotrode 150	150 mm
238484	Fermotrode 200	200 mm
238486	Fermotrode 250	250 mm

Dimensional drawing:

