


Data Sheet EASYFERM

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

Application Fields:

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 diaphragms:	3
Steam sterilizable:	Yes
Autoclavable:	Yes
CIP:	No
Electrical Connector:	Type S8 – 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 (a)
238490	Easyferm 120	120 mm
238492	Easyferm 225	225 mm
238494	Easyferm 325	325 mm

Dimensional drawing:

