


Data Sheet EASYFERM PLUS VP

The EASYFERM PLUS VP sensors are designed to withstand demanding applications in pharmaceutical and chemical industries. The EVEREF-F reference cartridge ensures that the PHERMLYTE reference electrolyte remains free of silver and precipitation. The EASYFERM PLUS VP is supplied with a pre-pressurized electrolyte which prevents the diffusion of sample into the sensors. It withstands steam sterilization, autoclavation, CIP, organic solvents and strong acids.

Application Fields:

Chemical, pharmaceutical industry, biotechnology, food and beverage industry

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 ... 14 |
| Zero-Point: | 0 ± 20 mV |
| Sensitivity: | 57 ... 59 mV / pH at 25°C |
| Temperature Range: | 0 ... 135°C |
| Pressure Range: | 0 ... 6 bar |
| Electrolyte: | Pressurized PHERMLYTE |
| Reference System: | HAMILTON EVEREF-F, Silver ion barrier included |
| Liquid Earth: | No |
| Shaft Material: | Glass |
| Membrane glass: | HAMILTON type PHI glass |
| Sample: min Conductivity: | 100 µS/cm |
| Diaphragm: | HP-COATRAMIC |
| Number of diaphragm: | 1 |
| Steam sterilizable: | Yes |
| Autoclavable: | Yes |
| CIP: | Yes |
| Electrical Connector: | VP 6.0 multipin connector with PG 13.5 |
| Temperature Sensor: | Yes, Pt 100 |
| 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) |
|-------------|----------------------|--------------|
| 238633 | Easyferm Plus VP 120 | 120 mm |
| 238634 | Easyferm Plus VP 225 | 225 mm |
| 238635 | Easyferm Plus VP 325 | 325 mm |
| 238632 | Easyferm Plus VP 360 | 360 mm |
| 238636 | Easyferm Plus VP 425 | 425 mm |

Dimensional drawing:

