

FM 1104 – Liquid filled pH sensor

pH measurement in pure and ultra pure water

Forbes Marshall's FM 1104 is a three diaphragm, liquid filled pH electrode, specially designed for pH measurement in pure and ultra pure water applications.

The three diaphragm design, ensures adequate outflow of liquid electrolyte for reliable pH measurement in pure water having a low-ionic strength.

Advantages

- Easy installation in bypass pipelines using flow through chamber.
- Detachable cable connector ensures easy installation and trouble-free maintenance.
- Use of special low-noise, co-axial shielded cable, results in minimized effects of stray voltage.
- Special measuring Glass ensures more easily reproducible measurement results.



Specifications

- pH range 0 -14
- Temperature range -10 to 80 °C
- Pressure rating Max 2 bar
- Shaft material Glass
- Diaphragm Ceramic
- No of diaphragms 3 nos.
- Reference system EVEREF*
- Reference electrolyte 3M KCL
- Sensor length 120 mm
- Electrical connection AS 7 type
- Electrode head PG 13.5

Model No.

FM 1104

Item No.

HT238999-2805

Accessories

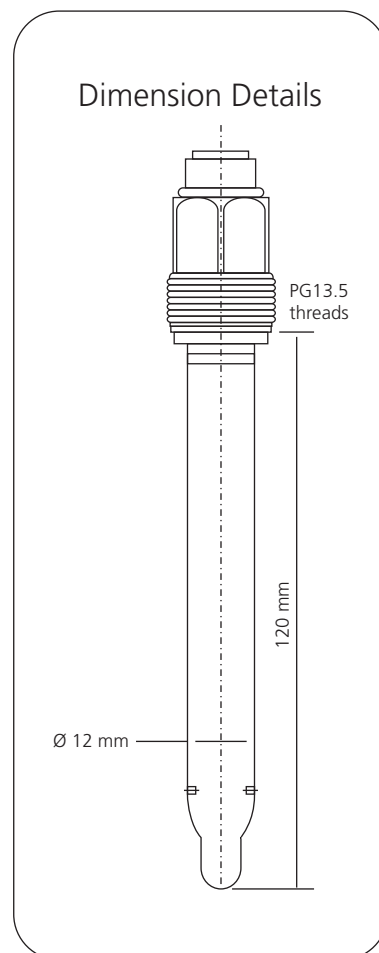
- | Cable | Length | Item No. |
|-------|--------|----------|
| • AS7 | 1 m | HT355072 |
| • AS7 | 3 m | HT355059 |
| • AS7 | 5 m | HT355066 |
| • AS7 | 10 m | HT355080 |
- Flow through chamber available in PP and SS MOC with ½" NPT (F) connections.

Applications

The FM 1104 is suitable for use in the following applications

- Demineralised Water Plants
- Reverse Osmosis Plants
- Boiler Feed Water
- Steam Condensate
- Cooling Water
- and other Pure water applications

* EVEREF reference system enhances the stability of the reference potential and extends the life of the combination electrode considerably.



Doc#CIG/1109/54/V1.R0

Specifications subject to changes without prior notice



www.forbesmarshall.com

Forbes Marshall Pvt. Ltd.
A-34/35, MIDC, Industrial Estate, 'H' Block, Pimpri, Pune - 411 018. India.
Tel.: 91(0)20 - 27442020
Fax: 91(0)20 - 27442040 E-mail: environ@forbesmarshall.com

Domestic:
Ahmedabad, Alibag, Bangalore, Bhopal / Indore, Chandigarh, Chennai, Coimbatore, Delhi, Hyderabad, Jamshedpur, Kolkata, Mumbai, Nagpur, Navi Mumbai, Surat, Trichy, Vadodara, Visakhapatnam

International Operations: exp@forbesmarshall.com
Bangladesh, Bolivia, Canada, Chile, Columbia, Egypt, Indonesia, Kenya, Malaysia, Nepal, Peru, Singapore, Sri Lanka, Thailand, U.A.E., USA, Venezuela

**Forbes
Marshall**

Trusted Partners.
Innovative Solutions.