

HONSBERG - LABO XF SERIES FLOW METER

Dynamic diaphragm (flap)

XF-008GMI015

Flow sensor 1/4", 1-15 l/min, 4-20mA

- For liquids up to 16 bar
- Flow from 1 l/min. to 80 l/min.
- Connection from 1/4" to 3/4"
- Housing in PPS or stainless



Product description

Model XF is a compact flow sensor in PPS plastic or stainless for water applications. Measurement takes place via a spring mounted metal plate which gives a rapid response time, low pressure drop, and high accuracy. The design with no moving parts makes it suitable for applications where this is a requirement. XF can be simply combined with Honsberg's Omni- or Flex technology.

Specifications

| | |
|-------------------------------|---|
| Accuracy | ± 3% of the measured value, but at least 0.25 l / min |
| Connection | Internal thread G ¼ " |
| Electrical Connection | Plug M12x1, 4-pole |
| Flow Max l/min Double | 120 |
| Flow Range Max | 15 |
| Flow Range Min | 1 |
| Function | Dynamic membrane |
| IP Class | IP67 |
| Load Max | 100 |
| Material of body | PPS |
| Material of connection | Nickel-plated brass |
| Material of seals | Viton |
| Material tinplate | Stainless steel 1.4031k |
| Output | 4-20 mA |

| | |
|---------------------------------|---------------------------------------|
| Power Consumption | 20 |
| Pressure drop | Approximately 0.5 bar at maximum flow |
| Pressure Range Max | 16 |
| Temperature range of media from | 0 |
| Temperature range of media to | 70 |
| Type of flow component | Flow Measuring |
| Weight | 0.35 |
| Viscosity Max | 1 |
| Voltage DC max | 30 |
| Voltage DC min | 10 |

