## **OEM Automatic Ltd**

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## HONSBERG - LABO XF SERIES FLOW METER

Dynamic diaphragm (flap)

XF-015GMU050 Flow sensor 1/2", 1-50 l/min, 0-10V

- 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.

## **TECHNICAL DATA**

| Accuracy               | ± 3% of the measured value, but at least 0.25 l / min |
|------------------------|---|
| Connection type        | Internal thread G ½ "                                 |
| Electrical connection  | Plug M12x1, 4-pole                                    |
| Flow max               | 120 l/min   |
| Flow range max         | 50 l/min  |
| Flow range min         | 1 l/min   |
| Function               | Dynamic membrane                                      |
| IP class               | IP67  |
| Load max               | 100 mA  |
| Material of body       | PPS   |
| Material of connection | Nickel-plated brass                                   |
| Material of seals      | Viton   |
| Material tinplate      | Stainless steel 1.4031k                               |
| Power consumption      | 20 mA   |
|                        |   |

| Pressure drop             | Approximately 0.5 bar at maximum flow |
|---------------------------|---------------------------------------|
| Pressure range max        | 16 bar                                |
| Signal outputs            | 0-10 V                                |
| Temperature of media from | 0 °C                                  |
| Temperature of media to   | 70 °C                                 |
| Type of flow component    | Flow Measuring                        |
| Weight                    | 0.35 kg                               |
| Viscosity max             | 1 cSt                                 |
| Voltage dc max            | 30 V                                  |
| Voltage dc min            | 10 V                                  |

