Flow Switch for liquids
G 1” Connection

FC10B04

Material
PPA - Polyphthalamide

How it works
A fluid flow through the sensor causes precise displacement of a magnetic piston and closes an electrical contact (reed switch).

Details
- On/Off output; NO (SPST) working;
- Detects increased or decreased flow;
- Sensitivity adjustment¹.

Typical applications
- Lubrication and cooling systems monitoring;
- Pipe fluid flow monitoring.

Liquids
- Clean water, oils, lubricants and filtered fuels.

Liquids with magnetic particles will cause deposition/magnetic sedimentation and it will prejudice the operation of the sensor. Use magnetic filter before the sensor.

Liquids with encrustation particles and/or solids require tests.

Technical specifications
- Internal clearance: 380mm²
- Maximum operation pressure: 25bar

Actuation Range (in LPM)

<table>
<thead>
<tr>
<th>Liquid</th>
<th>Range (LPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>~4.3 to ~104</td>
</tr>
</tbody>
</table>

Typical connection to contactor

Mounting (Important!)
- Correct
- Wrong

Dimensions (mm) and Weight

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>138 x 50</td>
<td>495g</td>
</tr>
</tbody>
</table>

Notes
¹ In water: Set point accuracy: ± 15%.
Repeatability (not considering the viscosity change of liquids): ± 10%.