

FS-4 Series – Low Cost, Molded Plastic Construction

Flow Rate Settings: 0.1 GPM to 1.5 GPM

Port Size: 9/16"-18 UNF

Primary Construction Material: Ryton®

Setting Type: Fixed

The FS-4 Series makes flow protection economical for a broad range of industrial applications such as welders, lubrication systems, medical sterilizers and laundry chemicals dispensing.

Specifications

| | |
|------------------------------------|--|
| Wetted Materials | |
| Housing and Piston | Ryton® R4 |
| Spring | 316 Stainless Steel |
| O-Ring | Viton® |
| Other Wetted Parts | Epoxy |
| Operating Pressure, Maximum | 250 PSIG (17.2 bar) @ 70°F (21°C) |
| Operating Temperature | 0°F to 225°F (-17°C to +107°C) |
| Set Point Accuracy | ±15% Maximum |
| Set Point Differential | 20% Maximum |
| Switch* | SPST or SPDT, 20 VA (SPDT: 240 VAC Max.) |
| Inlet/Outlet Ports | 9/16"-18 UNF-2B Thread |
| Recommended Filtration | 50 Microns or Better |
| Electrical Termination | SPST |
| | 18 AWG, Zipcord, 24" Long |
| | SPDT |
| | 18 AWG, PVC 24" Long Leads |

* See "Electrical Data" on Page X-5 for more information.

How To Order – Standard Models

| Housing and Piston Material | Flow Setting GPM | Part Numbers | | |
|-----------------------------|------------------|---------------|---------------|------------------|
| | | SPST Switch | | With SPDT Switch |
| | | N.O., No Flow | N.C., No Flow | |
| Ryton® | 0.1 | 122340 ⚡ | 122346 | 122352 ⚡ |
| | 0.25 | 122341 ⚡ | 122347 | 122353 ⚡ |
| | 0.5 | 122342 | 122348 | 122354 |
| | 0.75 | 122343 | 122349 | 122355 |
| | 1.0 | 122344 | 122350 | 122356 |
| | 1.5 | 122345 | 122351 | 122357 ⚡ |

Note:
Flow settings are calibrated using water @ +70°F on increasing flow, with units in a vertical position (lead wires up).

Port Adapters for FS-4

Converts 9/16" threaded ports to NPT or barbed connection. Made of Ryton®-R4 or polypropylene with O-Rings in place.

CAUTION: Do not exceed 15 in./lbs. maximum torque when installing adapter fittings.

| Material | Adapter Size | Part Numbers |
|---------------|--------------|--------------|
| Ryton® | 1/8" NPT* | 123028 ⚡ |
| | 1/4" NPT* | 123029 ⚡ |
| Polypropylene | 1/4" NPT* | 158602 ⚡ |
| | 1/2" Barb** | 158603 ⚡ |

*Wrench flats provide for proper assembly.

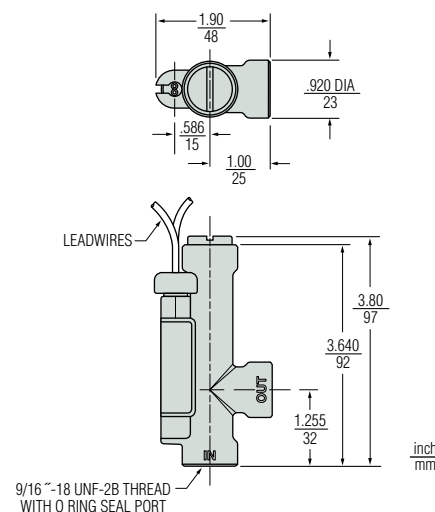
**Accepts 1/2" I.D. flexible hose

⚡ – Stock Items.

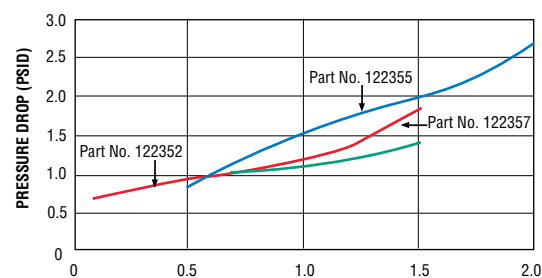


U.L. Recognized —
File No. E31926
CSA Listed —
File No. LR30200

Dimensions



Pressure Drop – Typical



Tests conducted with units in vertical position (lead wires up) with water at +70 F (21 °C).

