

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°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
Inlet/Outlet Ports	9/16" -18 UNF-2B Thread
Electrical Termination	No. 18 AWG, 24" L., PVC Lead Wires

* See "Electrical Data" on Page D-4 for more information.
Polysulfone bodies and fitting available; consult factory.

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 ⚡

Notes:

- Flow settings are calibrated using water @ +70°F on increasing flow, with units in a vertical position (lead wires up).
- Care should be taken by specifiers to ensure fluid compatibility with the above listed wetted materials.
- Port adapter fittings are recommended for conversion from 9/16" -18 UNF straight thread to customer's line size.
- Use of 50 micron filtration is recommended.

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.

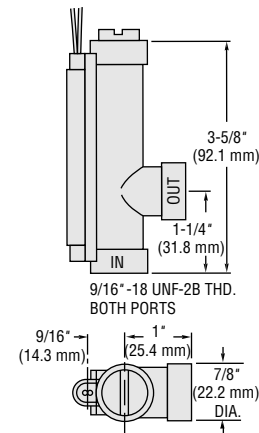
Material	Adapter Size	Part Numbers
Ryton	1/8" NPT*	123028 ⚡
	1/4" NPT*	123029 ⚡
Polypropylene	1/4" NPT*	158602 ⚡
	1/2" Barb**	158603 ⚡

*Wrench flats provide for proper assembly.
** Accepts 1/2" I.D. flexible hose
⚡ – Stock Items.

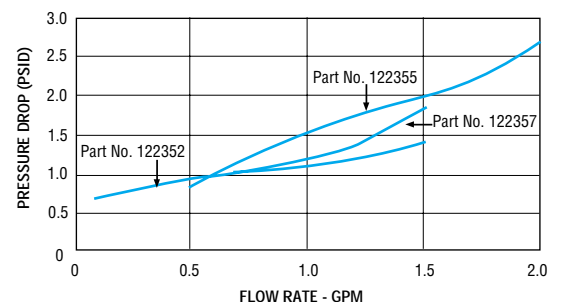


U.L. Recognized —
File No. E31926
CSA Listed —
File No. LR30200

Dimensions



Pressure Drop – Typical



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

