

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:

1. Flow settings are calibrated using water @ +70°F on increasing flow, with units in a vertical position (lead wires up).
2. Care should be taken by specifiers to ensure fluid compatibility with the above listed wetted materials.
3. Port adapter fittings are recommended for conversion from 9/16"-18 UNF straight thread to customer's line size.
4. 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 ⚡

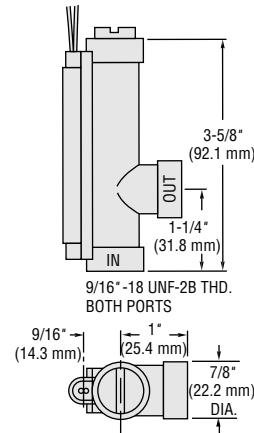
*Wrench flats provide for proper assembly.
**Accepts 1/2" I.D. flexible hose
⚡ – Stock Items.



UL Recognized —
File No. E31926
CSA Listed —
File No. LR30200

FLOW SENSORS

Dimensions



Pressure Drop – Typical

