

Features

- JIC ¼" AN Fittings for Braided Hose
- Accurately detect injection faults and take action to protect you engine from loss of injection.
- Outputs 12volt signal when flow drops below user set point
- Fully Integrated Flow Sensor
- 0-5v Flow Signal Output for data logging or input to optional Digital Flow Gauge (IFG-20 or IFG-30)
- Rugged Design for Under Hood Applications
- Easy Adjustment and Setup
- 1 Year Warranty



Description:

The IFS-20 from Labonte MotorSports is engineered to reliably monitor Shurflo pump based water / methanol injection systems. The IFS-20 monitors fluid flow and will output a 12volt signal in the event flow drops below a user adjustable set point. The 12volt signal can be used to reduce vehicle timing through an Aftermarket ignition control box, or reduce turbo pressure to wastegate levels using the optional BBK-10. The unit accurately detects pump failure, clogged nozzles, running out of fluid or overflow conditions. The small rugged design and easy setup makes the IFS-20 the logical choice for automotive/offroad enthusiasts.

Operation:

The IFS-20 easily installs between the injection pump and nozzle. Connect the pump output line to the fitting labeled Pump and the nozzle line to the fitting labeled Nozzle. The output trigger can be connected to an aftermarket timing retard module, or a solenoid to bypass a boost control device. This results in reduced timing or limiting boost to wastegate pressure in the event fluid flow stops.

OPERATING CHARACTERISTICS

Characteristic	Min	Typ.	Max	Units
Operating Temperature	0	----	105	deg C
Supply Voltage	9	13.8	16	Vdc
Drive Current	----	1	1.5	Amps
Flow Range	100	----	2500	ml/min
Output Trigger	1.25	----	12.5	Vdc

