The Series PFG2 Process Filter Gage is designed for determining the state of an in-line filter. The differential pressure indicator determines the pressure drop on either side of a filter through its 1/8˝ female NPT pressure connections, and relates the value to one of three zones: clean (green), change (yellow), or dirty (red). The Series PFG2 is perfectly suited for filter applications, line loss, valve drop, and many other differential pressure applications where a simple indicator is needed. The direction of process flow is indicated with a lens. The PFG2 can be connected in-line through the side process connections, but can also be directly mounted through the outlet/inlet connections by removing the mounting block.

### SPECIFICATIONS

- **Service:** Liquids/gases compatible with SS, GFN, and fluoropolymer.
- **Wetted Materials:** Aluminum, SS, glass filled nylon, and fluoropolymer.
- **Accuracy:** ±5% F.S.
- **Temperature Limit:** 200°F (93°C).
- **Pressure Limit:** 300 psig (20.7 bar).
- **Mounting:** Any orientation with 10-32 threaded holes 3/4˝ apart.
- **Weight:** 9.6 oz (272.2 g).
- **Process Connection:** 1/8˝ female NPT.
- **Mounting Orientation:** Any orientation with 10-32 threaded holes 3/4˝ apart.

### ACCESSORIES

- **Model PFG2-02**
  - Full Range: 0 to 5 psid
  - Green Zone: 0 to 2.5 psid
  - Yellow Zone: 2.5 to 3.75 psid
  - Red Zone: 3.75 to 5 psid
- **Model PFG2-03**
  - Full Range: 0 to 10 psid
  - Green Zone: 0 to 5 psid
  - Yellow Zone: 5 to 7.5 psid
  - Red Zone: 7.5 to 10 psid
- **Model PFG2-06**
  - Full Range: 0 to 25 psid
  - Green Zone: 0 to 11 psid
  - Yellow Zone: 11 to 18.5 psid
  - Red Zone: 18.5 to 25 psid

- **PLUGS AND CONNECTORS**
  - 2X 1/8 NPT.CONN.

### REQUIRED EQUIPMENT

- **Computer Requirements**
  - The Digihelic Links™ Communications Software application will run on Windows® 95/98 and Windows® NT Workstation 4.0 (Service Pack 3 recommended), Windows® 2000 and Windows® XP software. The hardware requirements for each of these operating systems can be found in the documentation provided with that operating system. One available RS-485 port is needed to communicate with the control(s). A minimum of 4 MB of hard disk space is needed for the Digihelic Links™ Communications Software application files, and additional hard disk space is needed to store data log files. Log file size will vary depending on the duration and rate selected for the controls and the number of controls on line.

### COMMUNICATION REQUIREMENTS

- To communicate with the Digihelic® Differential Pressure Controller from a PC with an RS-232 Serial Communications Port, an RS-485 to RS-232 converter is required to convert the signal from the Digihelic® controller RS-485 format to the RS-232 input of the PC. Recommended converters are the Models 351-9 RS-485 to RS-232 converter or Model MN-21 RS-485 to USB converter. For RS-485 systems a 120-ohm resistor is also needed to terminate the last control on the control network. Shielded twisted pair cable is recommended for wiring the controls together.

### DIGIHELIC LINKS™ DATA ACQUISITION AND LOGGING SOFTWARE

- **Model 351-9N, Mother Node™ silver RS-232/RS-485 converter with DB9F connector**
  - ROAD PRICE: $152.00

- **Model 351-9, Mother Node™ silver RS-232/RS-485 converter with DB9F connector (includes 120 VAC to 12 VDC adapter)**
  - ROAD PRICE: $165.00

- **Model MN-1, Mini-Node™ USB/RS-485 converter**
  - ROAD PRICE: $75.00

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