

DFS 5.1 Doppler Flow Switch

Approximate shipping weight: 8 lbs / 3.6 kg

Model

DFS 5.1 - - - -

STANDARD FEATURES:

- SE4 sensor - clamp-on ultrasonic for 0.5" to 180" (12.5 mm to 4.5 m) ID pipes
- sensor cable - 20 ft / 6 m shielded coaxial pair
- installation - Silicone coupling compound
- PCK2 stainless steel Pipe Clamp Kit for 0.5-16" / 12.5-406 mm OD pipes
- enclosure - watertight, dust-tight NEMA4X (IP67) polycarbonate
- 1 Relay - 5 ampere DPDT
- set point - On/Off adjustment 0.25 - 10 ft/sec (0.076 - 3 m/sec)
- relay time delay - adjustable, 0-80 seconds
- indication - Relay LED, Flow rate LED Bar Graph
- power input – 100-240VAC 50-60Hz
- 1 Manual - Installation and Operation

POWER INPUT

| | | |
|---|--|---|
| Standard 100-240VAC 50/60Hz | | A |
| 12-24VDC | | B |
| SENSOR (with 20 ft / 6 m shielded coaxial cable) | | |
| SE4 standard clamp-on Sensor (for 0.5" / 12.5 mm to 180" (4.5 m) ID pipes | | 1 |
| SENSOR CABLE LENGTH | | |
| Standard 20 ft / 6 m shielded coaxial cable | | A |
| 50 ft / 15 m continuous shielded coaxial pair | | B |
| 100 ft / 30 m continuous shielded coaxial pair | | C |

OPTIONS AND ACCESSORIES

| QTY | CODE | DESCRIPTION | |
|---|-----------|---|--|
| | DXC | Extra Sensor Cable up to 500 ft / 150 m (RG174U shielded coaxial pair) | |
| | JB2X | Sensor cable Junction Box, NEMA4X/IP66 polycarbonate | |
| | PCK2 | Extra stainless steel Mounting Clamp Kit for 0.5-16 in (12.5-406 mm) OD pipes | |
| | CC | Coupling Compound - Dow Corning Silicone Compound 150 g. (5.3 oz) tube | |
| | AP1W-30 | Coupling Compound - High Temperature 112 g. (4 oz) | |
| | MNL | Additional Manuals (One supplied with each unit) | |
| REPLACEMENT SENSORS (each with 20 ft / 6 m shielded coaxial cable) | | | |
| <i>* Provide Instrument Serial number when ordering replacements</i> | | | |
| | SE4 | Standard Sensor (for 0.5" / 12.5 mm to 180" / 4.5 m) pipes | |
| | SE4-30DXC | Sensor with 50 ft / 15 m continuous cable | |
| | SE4-80DXC | Sensor with 100 ft / 30 m continuous cable | |