

**DFS 5.1 Doppler Flow Switch**

Approximate shipping weight: 5 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
<b>SENSOR (with 20 ft / 6 m shielded coaxial cable)</b>		
SE4 standard clamp-on Sensor (for 0.5" / 12.5 mm to 180" (4.5 m) ID pipes		1
<b>SENSOR CABLE LENGTH</b>		
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-SL30	Coupling Compound – Super Lube® Synthetic Grease 3.0 oz tube
	CC-SL30HT	Coupling Compound for Fluid Temp. > 120°C (250°F) – Super Lube® Dielectric Grease 3.0 oz tube
	MNL	Additional Manuals (One supplied with each unit)

**REPLACEMENT SENSORS (each with 20 ft / 6 m shielded coaxial cable)**

\* Provide Instrument Serial number when ordering replacements

	CODE	DESCRIPTION
	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