

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

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	
	CT	Coupling Tape – lower maintenance for permanent installations	
	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	

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

* Provide Instrument Serial number when ordering replacements

QTY	CODE	DESCRIPTION	
	SE4	Standard clamp-on Sensor with 25 ft / 7.6 m shielded coaxial pair	
	SE4-25DXC	Sensor with 50 ft / 15 m continuous cable	
	SE4-75DXC	Sensor with 100 ft / 30 m continuous cable	