

DFS 5.1 Doppler Flow Switch

Approximate shipping weight: 5 lbs / 3.6 kg

Model

Please configure model on next page

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





DFS 6.1 Doppler Flow Switch

Model

DFS 5.1 - - -

POWER INPUT

Standard – 100-240VAC 50/60Hz		A
12-24VDC		B

SENSOR (with 20ft / 6m shielded coaxial cable)

Standard – SE4 Clamp-on Sensor (for 0.5"/12.5mm to 180" (4.5m) ID pipes)		1
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SENSOR CABLE LENGTH

Standard – 25 ft. 7.6m		A
50 ft / 15 m		B
100 ft / 30 m		C

OPTIONS AND ACCESSORIES

Code	Description	
DXC	Extra sensor cable up to 500 ft / 152 m (RG174U shielded coaxial pair, price per foot)	
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 (price per foot)	
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 - Please provide instrument serial number when ordering replacements

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	