

FLOW SWITCHES WITH NORTH AMERICAN CONNECTION SIZES

Background

Current distribution channels have flow switches from various manufacturers, which are costly for the application usage. Sensata | Cynergy3 has expanded the high runner FS family of flow switches with either 1/2" and 3/4" straight pipe sizes, along with 1/2" and 3/4" NPT threaded connections. Based on demand from OEMs and distributors, these switches were developed for the North American market to meet this requirement. They utilize robust and reliable reed switches and magnetics for switching.

Reliable and robust design in a liquid flow switch, aimed to meet North American standards, helps reduce cost and installation time

Solution




The FSU range of switches can be used anywhere where fluid flow monitoring is required to control processes or to protect other equipment, such as heaters or pumps. Current sectors where there is usage for this type of switch include, but not limited to, industrial washing machines, domestic and industrial water heaters and server cooling systems.

The moving float design uses a unique system to activate the contact, giving a negligible pressure drop across the reed switch once the flowrate increases. The switches come in different pre-set flow rates designated as standard flow and low flow rates. Straight tube connection types are designed to be used in conjunction with push fit style fittings. NPT connection types are to be used with proprietary thread tapes and sealants. This gives the end user ease of installation and replacement with minimal down time.



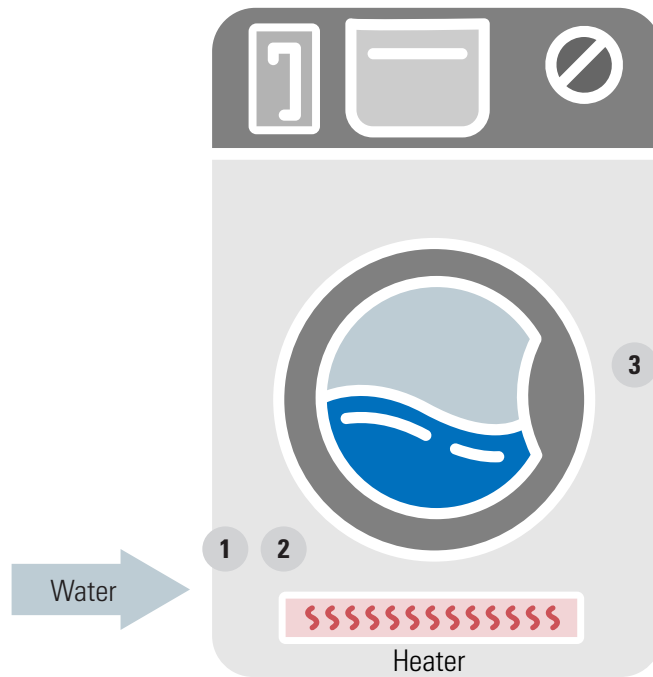


RECOMMENDED PRODUCTS

Reference on Diagram	Product	Features	Function	Brand
1	 FSU series	• NSF Approved	Flow switch	Cynergy3
2	 RSF 40/70	• UL Approved	Level switch	Cynergy3
3	 SOL Series	• 24Vdc, 110Vac and 230Vac operating voltage	Solenoid valve	Cynergy3



INDUSTRIAL GARMENT WASHER



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