


Instrument Data Sheet

General	1	Product	Flow Detection Control (Dual Rated)
	2	Model Number	FS-1D
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	-50 to +40 °C (-58 to +104 °F)
	6	Enclosure Material	319 cast aluminum
	7	Enclosure Rating	NEMA Type 3S, 4, 4X, 5; Type 9: Class II (Div. 1 & 2), Groups E, F & G
	8	Mounting	3 holes at $\varnothing^{13/32}$ " (Surface mount)
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Switch	11	Switch Type	SPDT x 1
	12	Contact Type	Dry contact
	13	Contact Rating	20A @ 125V, 250V or 480V AC; 1 hp 125V AC; 2 hp 250V AC
	14	Electrical Action	Non-latching
	15	Electrical Connection	3/4" NPT x 1
	16	Indicating Lamp	None
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Actuator	20	Type	Flow detector
	21	Mechanism	Counterweighted paddle with rotating cam
	22	Non-activated Position	Field adjustable neutral position 0° to 360°
	23	Activated Position	Field adjustable: 0° to 45° from neutral (shaft rotation is not bound by the activation limit)
	24	Range of Travel	Practical range is application and user defined; infinite bi-directional shaft rotation is possible
	25	Action	Non-latching
	26	Actuation Force	Field adjustable counterweight
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Options	30	Finish	Uncoated (standard) or epoxy (option E) coating available
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Certifications	37	UL Certification File	NMFT.E83971, NOIV.E71075
	38	cUL Certification File	NMFT7.E83971, NOIV7.E71075
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Manufacturer	40		Conveyor Components Company Division of Material Control, Inc. 130 Seltzer Road, PO Box 167 Croswell, MI 48422 USA (810) 679-4211 info@conveyorcomponents.com www.conveyorcomponents.com
Notes:			