


Instrument Data Sheet

General	1	Product	Flow Detection Control (Explosion Proof)
	2	Model Number	FS-1X
	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 7: Class I (Div. 1 & 2), Groups C & D; 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	NOIV.E71075
	38	cUL Certification File	NOIV7.E71075
	39		
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:			