

Instrument Data Sheet

General	1	Product	Pull Cord Switch (Dust Ignition Proof, Right Side Pull)
	2	Model Number	PCR-1SD
	3	Manufacturer	Conveyor Components Company
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Environment	5	Ambient Temperature	-50 to 40 °C [-58 to 104 °F] (increased actuation force may be required below -30 °C [-22 °F])
	6	Enclosure Material	319 cast aluminum
	7	Enclosure Rating	NEMA Type 4, Type 9: Class II (Div. 1 & 2), Groups E, F & G Compliant
	8	Mounting	4 holes at $\varnothing^{13/32}$ [10 mm]; (Vertical surface mounting standard, bracket available for horizontal surfaces)
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Switch	11	Switch Type	SPDT x 1
	12	Contact Type	Dry contact
	13	Contact Rating (UL)	20A @ 480V max AC; 1 hp 125V AC; 2 hp 250V AC
	14	Contact Rating (CSA)	20A @ 480V max AC; 10A, tungsten @ 125 V AC; 1 hp 125V AC; 2 hp 250V AC; ½ A @ 125V DC; ¼ A @ 250V DC
	15	Electrical Action	Latching (via actuator)
	16	Electrical Connection	1" NPT x 2
	17	Indicating Lamp	None
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Actuator	20	Type	Pull cord switch (right side pull)
	21	Cable Length	Maximum 100' (30.5 m) attached to switch end.
	22	Cable Material	$\varnothing^{3/32}$ [2 mm] 7x7 galvanized aircraft cable: orange vinyl or nylon coated to $\varnothing^{3/16}$ [5 mm]
	23	Mechanism	Sprung shaft with latching flag arm
	24	Non-activated Position	Shaft released, flag arm parallel to mounting surface
	25	Activated Position	Shaft pulled, flag perpendicular mounting surface
	26	Range of Travel	½" [13 mm] shaft travel; 90° flag travel
	27	Action	Latching (To reset, rotate flag parallel to mounting surface)
	28	Actuation Force	16 lb. [71 N] standard; 25 lb. [111 N] units available (factory specification, not field adjustable)
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Options	30	Finish	Uncoated (standard) or epoxy coating (option E)
	31	Actuation Force	16 lb. [71 N] standard; 25 lb. [111 N] units available (option 25, factory specification, not field adjustable)
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Accessories	34	Mounting Bracket	Powder coated steel mounting bracket (PC-30)
	35	Cable	Orange vinyl (PC-25) or nylon (PC-26) coated cable
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Certifications	37		
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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: 1. Cable must be supported with eyebolts. Maximum eyebolt spacing: 10' [3 m]. 2. Maximum of 100' [30.5 m] of cable may be attached to switch end.			