


**Instrument Data Sheet**

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|--|----|---|--|
| General  | 1  | Product   | Pull Cord Switch (Explosion Proof, Double Sided Pull)  |
|  | 2  | Model Number  | PCD-4SX  |
|  | 3  | Manufacturer  | Conveyor Components Company  |
|  | 4  |   |  |
| Environment  | 5  | Ambient Temperature   | -30 to +40 °C [-22 to +104 °F]   |
|  | 6  | Enclosure Material  | 319 cast aluminum  |
|  | 7  | Enclosure Rating  | NEMA Type 7: Class I, Groups C, D; Type 9: Class II, Groups E, F, G  |
|  | 8  | Mounting  | 4 holes at $\varnothing^{13/32}$ [10 mm]; Surface mount parallel to pull-cord direction standard; mounting bracket available for surfaces perpendicular to pull-cord direction                             |
|  | 9  |   |  |
|  | 10 |   |  |
| Switch   | 11 | Switch Type   | SPDT x 4 (2 per switch end)  |
|  | 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   |
|  | 18 |   |  |
|  | 19 |   |  |
| Actuator   | 20 | Type  | Pull cord switch (double sided pull)   |
|  | 21 | Cable Length  | Maximum 100' (30.5 m) attached to each 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)   |
|  | 29 |   |  |
| Options  | 30 | Finish  | Uncoated (standard) or epoxy (option E) coating available  |
|  | 31 | Mounting Bracket  | Powder coated steel mounting bracket (PC-30) available   |
|  | 32 | Cable   | Orange vinyl (PC-25) or nylon (PC-26) coated cable available   |
|  | 33 | Actuation Force   | 16 lb. [71 N] standard; 25 lb. [111 N] units available (option 25, factory specification, not field adjustable)  |
|  | 34 |   |  |
|  | 35 |   |  |
|  | 36 |   |  |
| Certifications   | 37 | UL Certification File   | E70175   |
|  | 38 | CSA Certification File  | 060532_0_000   |
|  | 39 |   |  |
| Manufacturer   | 40 |  | Conveyor Components Company<br>Division of Material Control, Inc.<br>130 Seltzer Road, PO Box 167<br>Croswell, MI 48422 USA<br>(810) 679-4211<br>info@conveyorcomponents.com<br>www.conveyorcomponents.com |
| Notes: 1. Cable must be supported with eyebolts. Maximum eyebolt spacing: 10' [3 m].<br>2. Maximum of 100' [30.5 m] of cable may be attached to each switch end. |    |   |  |