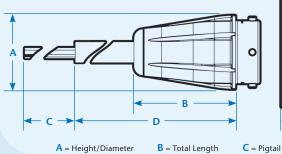
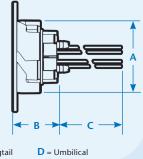
**Hybrid Connectors** integrate air lines, electrical connections and fluid lines into a single, compact connection point for remote tools on medical devices and equipment. Eliminating the potential for misconnecting tubing and wires, Colder's Hybrid Connector platform options reduce multiple connections and allow clinicians or patients to quickly and easily change or replace modular tools, umbilicals or hand pieces.

Large Format Hybrid Connector – Now available with four times the flow capacity, this connector features multiple dry-break couplings and easy-touse twist latch for secure, repeatable connection of multiple lines.

| 0  | 0  |   |
|--|--|---|
| Features   | Benefits   | Visit us at <u>www.colder.com</u><br>or call 800-444-2474   |
| Single connection point for<br>pneumatic, fluid, data and<br>power connections between a<br>device and its tool/hand piece | Increases safety and makes systems more user friendly  | to get a free catalog or to find<br>your local distributor. |
| Non-spill shutoff valves<br>with dry-break technology  | Eliminate fluid drips upon disconnect and minimize air inclusion   |   |
| Turnkey solution   | Reduces multiple components  |   |
| Off-the-shelf assembly   | Minimizes engineering design and manufacturing effort  | Barbed connector<br>terminations                            |
| Custom options available   | Flexibility to add additional fluid connector or electrical contacts   | Panel mount flange<br>Electrical<br>contact sockets         |
|  | Vire/hose umbilical   Output   Output | Area  |

0





# **Connector Specifications**

Pressure: Vacuum to 45 psi, 3.1 bar

**Temperature:** 32°F to 120°F (0°C to 49°C)

### Materials:

**Non-wetted coupler components:** Glass-filled polypropylene and acetal

Wetted coupler components: Glass-filled polypropylene

Springs: Stainless steel

Electrical contacts: Gold-plated copper alloy

O-rings: EPDM

Fluid tubing: Polyurethane (PU)

Umbilical tubing: PVC

### Color: Gray

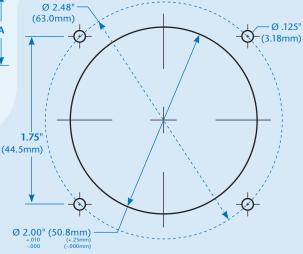
#### **Terminations:**

Panel: Two 1/8" (3.2mm) hose barbs on panel and four 20 ga wires with 12" (304.3mm) pigtail

**Umbillical Hose:** 8' (2.44M) umbilical with two 1/8" (3.2mm) ID PU tubing and four 20ga wires with 3" (76.2mm) pigtail

Number of fluid lines: 2

## **Product Dimensions**



### **Electrical Specifications**

Voltage: Up to 24VDC

Current: Up to 3 Amps

Wire gauge: 20AWG

Number of contacts: 4

## **Coupling Hose**

| CONFIGURATION<br>HOSE        | FLOW PATHS<br>1/8" ID (3.2mm)  | PART NO.<br>HQC17002   |         | <b>A</b><br>2.00   | <b>B</b><br>2.80                            | <b>C</b><br>3.00           | D<br>8.00   | 000  |
|------------------------------|--|--|---------|--|---|----------------------------|---|--|
|                              |  |  |         |  |   |                            |   | Coupling Panel   |
| CONFIGURATION<br>PANEL MOUNT | FLOW PATHS<br>1/8" ID (3.2mm)  | <b>PART NO.</b><br>HQC42001  |         | <b>A</b><br>1.96   | <b>B</b><br>1.12                            | <b>C</b><br>12.00          |   |  |
|                              |  |  |         |  |   |                            |   | vie or scan the QR code  |
| CPC)                         | Colder Products Co   | DESCRIPTION OF THE DESCRIPTION O |         | with yo  |   | one to nav                 | igate direc   | <b>vie</b> or scan the QR code<br>of the the transformer the term of t |
|                              | Colder Products Compa<br>Colder Products Compa<br>1001 Westgate Drive<br>St. Paul, Minnesota 55114<br>U.S.A. | a <u>dover</u> ) company<br>ny   | Schmalw | with yo<br>you car<br>Products Co<br>yeg 50<br>Mainz-Kas | our smart pho<br>n view the H<br>ompany Gmb | one to navi<br>ybrid Techi | igate direc<br>nology.<br><b>Colder P</b><br>Flat B, 29 | roducts Company Limited<br>/F, West Gate Tower,<br>long Street, Cheung Sha Wan.  |

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