

HYBRID



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-to-use twist latch for secure, repeatable connection of multiple lines.

Features

Single connection point for pneumatic, fluid, data and power connections between a device and its tool/hand piece

Non-spill shutoff valves with dry-break technology

Turnkey solution

Off-the-shelf assembly

Custom options available

Benefits

Increases safety and makes systems more user friendly

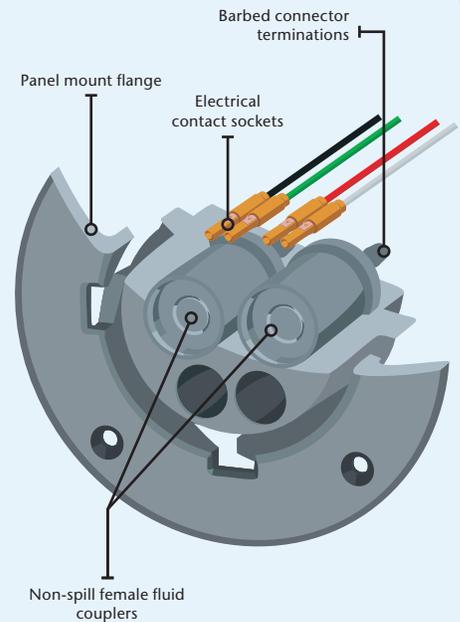
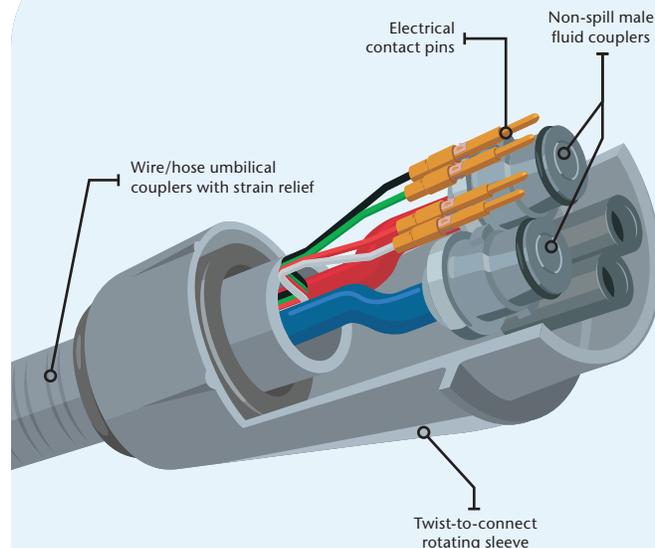
Eliminate fluid drips upon disconnect and minimize air inclusion

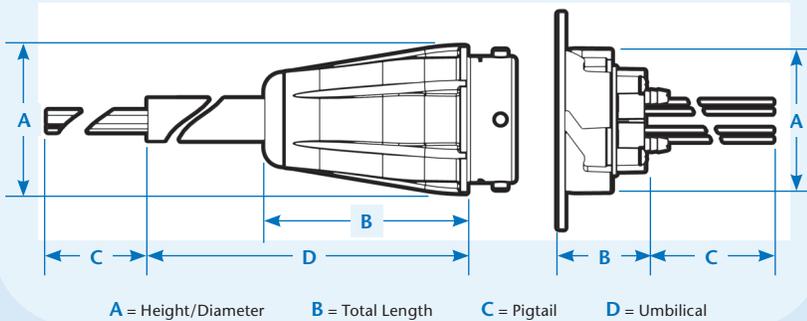
Reduces multiple components

Minimizes engineering design and manufacturing effort

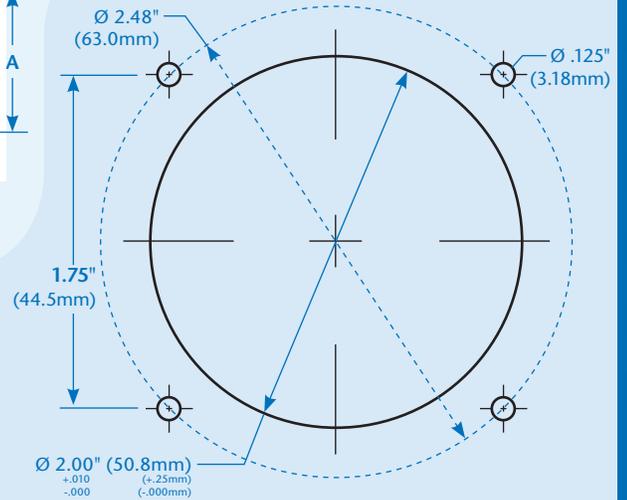
Flexibility to add additional fluid connector or electrical contacts

Visit us at www.colder.com
or call 800-444-2474
to get a free catalog or to find
your local distributor.





Product Dimensions



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

Umbilical 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

Electrical Specifications

Voltage: Up to 24VDC

Current: Up to 3 Amps

Wire gauge: 20AWG

Number of contacts: 4

Coupling Hose

POLYPROPYLENE

CONFIGURATION	FLOW PATHS	PART NO.	A	B	C	D
HOSE	1/8" ID (3.2mm)	HQC17002	2.00	2.80	3.00	8.00



Coupling Panel

CONFIGURATION	FLOW PATHS	PART NO.	A	B	C
PANEL MOUNT	1/8" ID (3.2mm)	HQC42001	1.96	1.12	12.00



Visit us at www.colder.com/hybridmovie or scan the QR code with your smart phone to navigate directly to a web page where you can view the Hybrid Technology.



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We inspire confidence at every point of connection.

WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the Colder catalog. Contact your local distributor or Colder Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of Colder. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.