



Actual size



MINI HYBRID CONNECTORS

The Mini Hybrid from Colder integrates air lines and electronics into a compact, single connection point for remote tools on medical devices and equipment, reducing misconnections and enhancing patient therapy outcomes. Based on Colder's unique Hybrid Connector technology, the valved Mini Hybrid has a smaller form factor and is ideal for use in low-pressure applications where ease of use and ergonomics are important. This groundbreaking connector technology eliminates the need for multiple connections and allows clinicians or therapy patients to quickly and easily change or replace modular tools, umbilicals or hand pieces that require power, signal and gases.

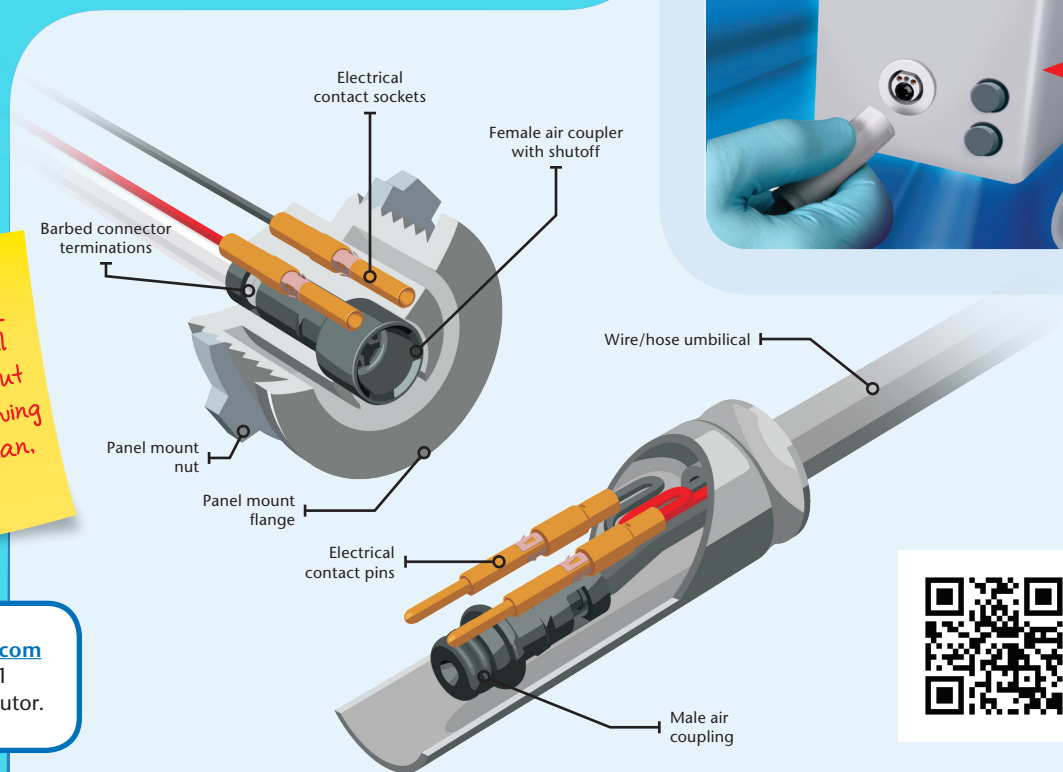
Features	Benefits
Single connection point for air and power connections between a device and its controller	Increases safety and makes systems more user friendly
Easy-to-use breakaway design	Quick, automatic disconnect
Valve on panel mount side	Prevents loss of pressure upon disconnect
Turnkey solution	Reduces multiple components
Off-the-shelf assembly	Minimizes engineering design and manufacturing effort
Custom options available	Meets your unique requirements



from complex to simple

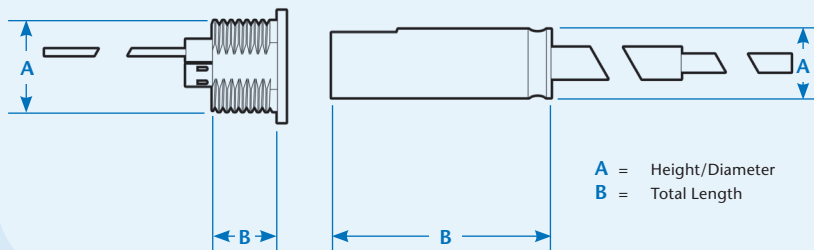


BREAKAWAY DESIGN
Disconnects when pull force is applied without pressing a latch, allowing users to make a clean, fast break.



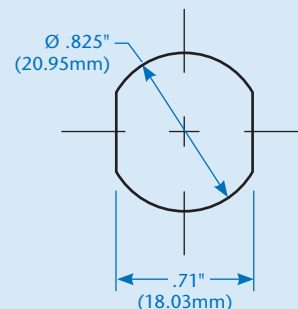
Visit us at www.colder.com
or call 651-645-0091
to find your local distributor.





A = Height/Diameter
B = Total Length

Product Dimensions



Connector Specifications

Pressure: Vacuum to 25 psi, 1.7 bar

Temperature: 40°F to 80°F
(4°C to 26°C)

Materials:

External coupler components: PET

Air coupler components: Acetal

Springs: Stainless steel

Panel Mount Nut: Zinc-plated steel

Electrical contacts: Gold-plated brass

Air line: PVC

External umbilical hose: 4 feet
(1219.2mm) PVC

Wire: 22AWG PVC jacket

O-rings: Buna-N

Color: Gray with gray hose

Terminations:

Panel: 1/16" (1.6mm) hose barb and
two 22AWG wires with 11" (279.4mm)
pigtail

Umbilical: 1/16" (1.6mm) ID PVC tube
and two 22AWG wires with 3" (76.2mm)
pigtail

Number of air lines: 1

Electrical Specifications

Voltage: Up to 24VDC

Current: Up to 3 Amps

Wire: 22AWG with PVC jacket

Number of contacts: 2

CONFIGURATION HOSE

FLOW PATH
1/16" ID (1.6mm)

PART NO.
MHQC17000

A
.62 (15.75mm)

B
2.00 (50.8mm)

Coupling Hose



CONFIGURATION PANEL MOUNT

FLOW PATH
1/16" ID (1.6mm)

PART NO.
MHQC42000

A
.825 (20.95mm)

B
.60 (15.24mm)

Coupling Panel



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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Quick Couplings & Fittings for Plastic Tubing

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