

# MINI HYBRID SERIES CONNECTOR

**Mini Hybrid Connector** – A compact, single connection point with a smaller form factor that is ideal for use in low-pressure applications where ease of use and ergonomics are important. This connector makes it easy to connect power, signal and gases in one simple motion.

## SPECIFICATIONS

### PRESSURE:

Vacuum to 25 psi, 1.7 bar

### TEMPERATURE:

40°F to 80°F (4°C to 27°C)

### MATERIALS:

**External coupler components:** PET

**Air coupler components:** Acetal

**Springs:** Stainless steel

**Panel Mount Nut:** Zinc-plated steel

**Electrical contacts:** Gold-plated copper alloy

**O-rings:** Buna-N

**Air line:** PVC

**COLOR:** Gray

### EXTERNAL UMBILICAL HOSE:

4 feet (121 cm) PVC

**WIRE:** 22AWG PVC jacket

### TERMINATIONS:

**Panel:** 1/16" hose barb and two 22AWG wires with 11" pigtail

**Umbilical:** 4' (121 cm) umbilical with one 1/16" ID PVC tube and two 22AWG wires with 6" 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



cpcworldwide.com/MiniHybrid

## FEATURES

Easy-to-use breakaway design

Small package design

Streamlined exterior

Proven design

## BENEFITS

Quick, automatic disconnect

Minimize device size

Clean, attractive appearance

Accelerate product development

## MINI HYBRID SERIES DIMENSIONS

### COUPLING HOSE - Acetal



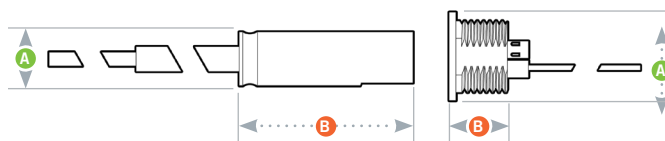
| CONFIGURATION | FLOW PATHS        | PART NO.  | A           | B        |
|---------------|-------------------|-----------|-------------|----------|
| HOSE          | 1/16" ID (1.6 mm) | MHQC17000 | 0.62 (15.7) | 2 (50.8) |

### COUPLING PANEL - Acetal



| CONFIGURATION | FLOW PATHS        | PART NO.  | A        | B           |
|---------------|-------------------|-----------|----------|-------------|
| PANEL MOUNT   | 1/16" ID (1.6 mm) | MHQC42000 | 1 (25.4) | 0.60 (15.2) |

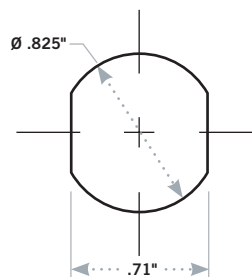
### PRODUCT DIMENSIONS



A = Height/Diameter

B = Total Length

### PANEL DIMENSIONS



#### COLDER PRODUCTS COMPANY®

U.S.A.

PHONE: +1 (651) 645-0091

TOLL FREE: +1 (800) 444-2474

E-MAIL: info@cpcworldwide.com

#### COLDER PRODUCTS COMPANY GMBH

Germany

E-MAIL: cpcgmbh@cpcworldwide.com

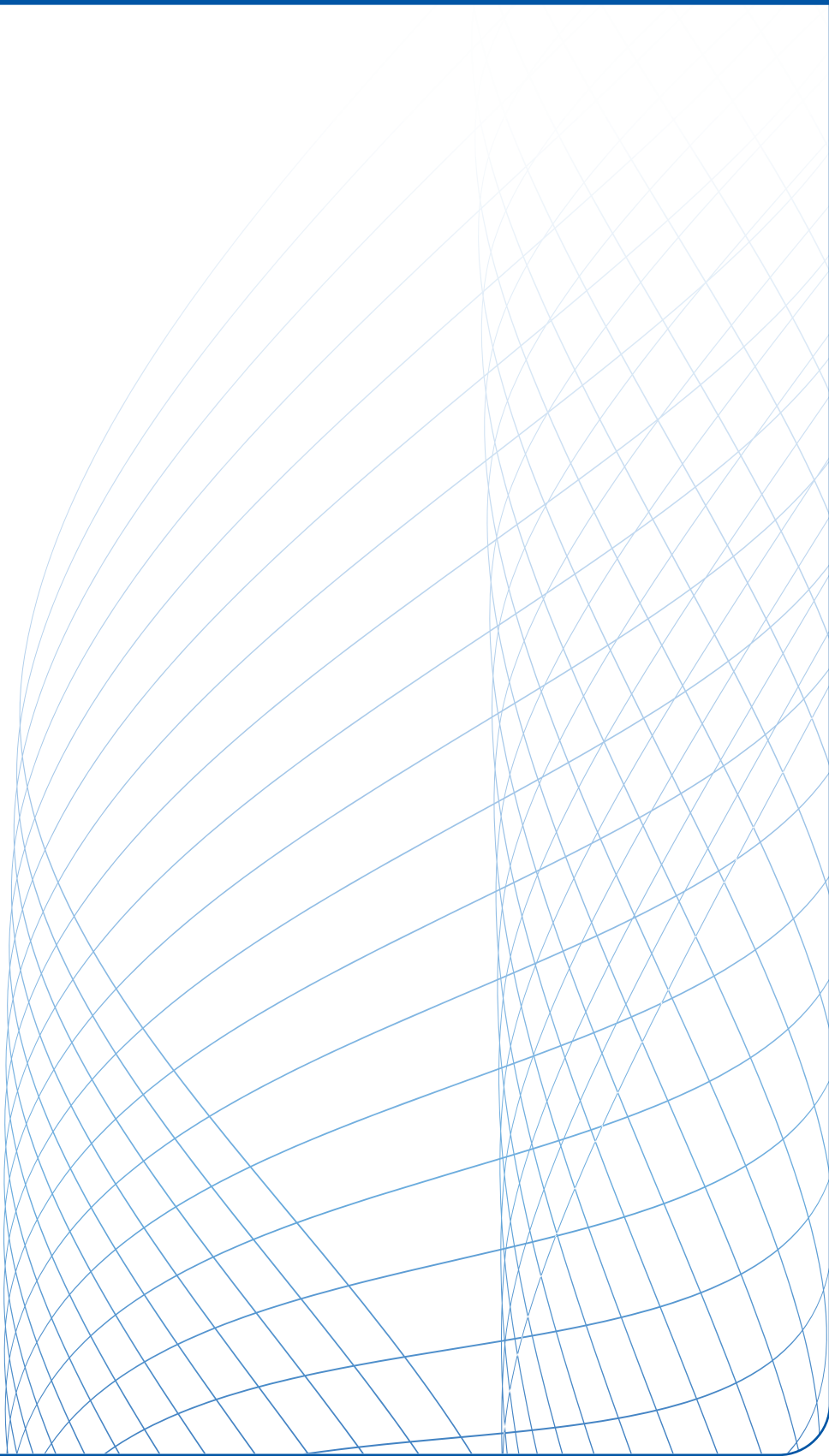
#### DOVER (SHANGHAI) INDUSTRIAL CO., LTD

Shanghai, China

PHONE: +86 21 2411 2666

TOLL FREE: +86 400 990 1978

E-MAIL: asiapacific@cpcworldwide.com



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

COPYRIGHT © 2024 BY COLDER PRODUCTS COMPANY.

CPC, Colder Products Company, and Colder Products are registered trademarks with the United States Patent and Trademark Office.  
For detailed trademark information, please visit: <https://www.cpcworldwide.com/Trademarks>