

CHEMICAL-RESISTANT AND HIGHLY VERSATILE

# IDENTIQUIK®

## iPLC12 COUPLING



### Identiquik® and Identiquik® PRO iPLC12 Couplings

are injection-molded from polypropylene thermoplastic and are resistant to many chemical solutions.

This popular coupling features one-hand connection and disconnection, and offers the flexibility of multiple configurations and terminations. Its polypropylene provides superior chemical resistance, and the EPDM o-ring adds expanded chemical compatibility for more demanding applications.

PLC12 couplings can be ordered in a vast range of sizes and configurations to meet the needs of your application.

#### APPLICATIONS FOR iPLC12 COUPLINGS INCLUDE:

- In-Vitro Diagnostics
- Laser cooling
- Large-format inkjet printing
- Many more

### SPECIFICATIONS

#### PRESSURE:

Vacuum to 120 psi, 8.3 bar

#### TEMPERATURE:

32°F to 150°F (0°C to 65°C)

#### MATERIALS:

**Main components and valves:** Polypropylene

**Thumb latch:** Stainless steel

**Valve spring:** 316 stainless steel

**External springs and pin:** Stainless steel

**O-rings:** EPDM

**Lubrication:** XIAMETER™ PMX-200 Silicone Fluid

**COLOR:** Almond coupling with black housing

#### TUBING SIZE:

1/4" to 3/8", 6.4mm to 9.5mm

#### INTERFACE:

Multi-drop 2-ft. (60 cm) cable with RS-232

#### OPERATING VOLTAGE:

RS-232: 8V – 24V

#### POWER CONSUMPTION:

1.2W maximum

#### RF COMMUNICATION RANGE:

Approximately 1"

#### RFID TAG:

Identiquik®: ISO 15693, 13.56MHz, 112 bytes programmable

Identiquik® PRO: ISO 15693, 13.56MHz, 252 bytes programmable, AES128 security



SCAN

[cpcworldwide.com/iPLC12](http://cpcworldwide.com/iPLC12)




**COLDER PRODUCTS COMPANY**  
U.S.A.  
PHONE: +1 (651) 645-0091  
TOLL FREE: +1 (800) 444-2474  
E-MAIL: [info@cpcworldwide.com](mailto:info@cpcworldwide.com)

**COLDER PRODUCTS COMPANY GMBH**  
Germany  
E-MAIL: [cpcgmbh@cpcworldwide.com](mailto: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](mailto:asiapacific@cpcworldwide.com)

# IDENTIQUIK SERIES DIMENSIONS

## IPLC12 COUPLING READERS - Polypropylene


TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCDR1710400	1.39 (35.3)	2.78 (70.6)

## IPLC12 COUPLING INSERTS - Polypropylene


TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCDT2200400	1.39 (35.3)	2.78 (70.6)

# IDENTIQUIK PRO SERIES DIMENSIONS

## IPLC12 PRO COUPLING READERS - Polypropylene

TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCDR1710400PRO	1.39 (35.3)	2.78 (70.6)

## IPLC12 PRO COUPLING INSERTS - Polypropylene

TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCDT2200400PRO	1.39 (35.3)	2.78 (70.6)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

Due to the wide range of possible combinations, only a sampling of termination and seal options are shown above. Please contact your CPC representative to discuss the combination that best suits your application.

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.

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