

## 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
- Large-format inkjet printing
- Laser cooling
- 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", 6.4 mm to 9.5 mm

#### 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



cpcworldwide.com/iPLC12



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# IDENTIQUIK® SERIES DIMENSIONS

## IPLC12 COUPLING READERS - Polypropylene



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

## IPLC12 COUPLING INSERTS - Polypropylene



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

# IDENTIQUIK® PRO SERIES DIMENSIONS

## IPLC12 PRO COUPLING READERS - Polypropylene



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

## IPLC12 PRO COUPLING INSERTS - Polypropylene



| TERMINATION                                      | TUBING/<br>THREAD<br>SIZE | METRIC<br>EQ. | SHUTOFF          | A           | B           |
|--------------------------------------------------|---------------------------|---------------|------------------|-------------|-------------|
| <b>IN-LINE<br/>HOSE BARB<br/>(USB INTERFACE)</b> | 1/4" ID                   | 6.4 mm 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 the Colder Products Company® 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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