

FAST, INTUITIVE AND DRIP-FREE

# IDENTIQUIK®

## iNS4 NON-SPILL (NS) COUPLING



### Identiquik® and Identiquik® PRO iNS4 Non-Spill (NS) 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.

### APPLICATIONS FOR iNS4 COUPLINGS INCLUDE:

- Large-format inkjet printing
- Additive Manufacturing
- In-Vitro Diagnostics
- Many more

### SPECIFICATIONS

**PRESSURE:** Vacuum to 120 psi, 8.3 bar

**TEMPERATURE:**  
32°F to 150°F (0°C to 65°C)

#### MATERIALS:

**Main body components and valves:**

Glass-filled polypropylene

**Thumb latch:** Glass-filled polypropylene

**Springs:** 316 stainless steel

**Valve spring:** 316 stainless steel

**External spring:** 316 stainless steel

**O-rings:** EPDM (FKM optional)

**Soft-touch overmold:** TPV\*

**Lubrication:** Krytox® PFPE (inert)

**COLOR:** Gray with dark gray overmold and black housing

**TUBING SIZE:**  
1/8" to 3/8", 3.2 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

\*The overmold material is known as TPV (thermoplastic vulcanizate). This TPV is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. The material is typically resistant to water, acids and bases.



cpcworldwide.com/iNS4



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# IDENTIQUIK® SERIES DIMENSIONS

## INS COUPLING READERS - Polypropylene

|  | TERMINATION                          | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF       | A           | B           |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|---------------|-------------|-------------|
|                                                                                  | IN-LINE HOSE BARB (RS-232 INTERFACE) | 1/4" ID            | 6.4 mm     | iNS4DR1710400 | 2.15 (54.6) | 3.49 (88.6) |

## INS COUPLING INSERTS - Polypropylene

|  | TERMINATION                          | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF       | A                                                                                   | B |
|----------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|---------------|-------------------------------------------------------------------------------------|---|
|                                                                                  | IN-LINE HOSE BARB (RS-232 INTERFACE) | 1/4" ID            | 6.4 mm     | iNS4DT2200400 | For product dimensions visit <a href="http://cpcworldwide.com">cpcworldwide.com</a> |   |

# IDENTIQUIK® PRO\* SERIES DIMENSIONS

## INS PRO COUPLING READERS - Polypropylene

|  | TERMINATION                          | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF          | A           | B           |
|-----------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|------------------|-------------|-------------|
|                                                                                   | IN-LINE HOSE BARB (RS-232 INTERFACE) | 1/4" ID            | 6.4 mm     | iNS4DR1710400PRO | 2.15 (54.6) | 3.49 (88.6) |

\*To configure IdentiQuik PRO functionality, the appropriated IdentiQuik PRO reader and cap must be used.

## INS PRO COUPLING INSERTS - Polypropylene

|  | TERMINATION                          | TUBING/THREAD SIZE | METRIC EQ. | SHUTOFF          | A                                                                                   | B |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------|------------|------------------|-------------------------------------------------------------------------------------|---|
|                                                                                    | IN-LINE HOSE BARB (RS-232 INTERFACE) | 1/4" ID            | 6.4 mm     | iNS4DT2200400PRO | For product dimensions visit <a href="http://cpcworldwide.com">cpcworldwide.com</a> |   |

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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