

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", 3.2mm 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

\*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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# IDENTIQUICK 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	6.4mm	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	6.4mm	iNS4DT2200400	For product dimensions visit <a href="https://www.cpcworldwide.com">cpcworldwide.com</a>	


# IDENTIQUICK 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	6.4mm	iNS4DR1710400PRO	2.15 (54.6)	3.49 (88.6)

\*To configure IdentiQuick PRO functionality, the appropriated IdentiQuick 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	6.4mm	iNS4DT2200400PRO	For product dimensions visit <a href="https://www.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.