

IDENTIQUIK®

UDC COUPLING

IdentiQuik® Universal Dispensing Couplers (UDC) provide a universal connection to a 38mm fitment neck, allowing you to make instant connections to bulk packaging systems. The automatic flush face valves minimize costly or dangerous spillage, and an ergonomic design and large, shrouded thumb latch pad make the coupling easy to grip and simple to operate.

APPLICATIONS FOR UDC COUPLINGS INCLUDE:

- Bag-in-box, rigid, and flexible bulk packaging systems
- Additive Manufacturing
- Large-format and Ink Printing
- Many more



SPECIFICATIONS

PRESSURE:

20" Hg Vacuum to 15 psi, 1 bar (body only)

TEMPERATURE:

32°F to 150°F (0°C to 65°C)

MATERIALS:

Main body components and valves:

Polypropylene and Acetal

Thumb latch: Polypropylene

Springs: 316 stainless steel

O-rings (food grade): Silicone, Buna-N and EPDM

INTERFACE: 2-ft. (60 cm) cable with RS-232 or USB connector

OPERATING VOLTAGE:

RS-232: 8V – 24V • USB: 5V

POWER CONSUMPTION: *

1.2W maximum

RFID TAG:

ISO 15693, 13.56MHz, 112 bytes programmable



cpcworldwide.com/iUDC

IDENTIQUIK SERIES DIMENSIONS

UDC COUPLING READERS - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB (RS-232 INTERFACE)	1/4" ID	6.4mm ID	iUDCDR1700400	2 (50.8)	3.49 (88.6)
	3/8" ID	9.5mm ID	iUDCDR1700600	2 (50.8)	3.49 (88.6)
	1/2" ID	12.7mm ID	iUDCDR1700800	2 (50.8)	3.49 (88.6)
	5/8" ID	15.9mm ID	iUDCDR1701000	2 (50.8)	3.49 (88.6)
	3/4" ID	19mm ID	iUDCDR1701200	2 (50.8)	3.49 (88.6)
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iUDCDR1700401	2 (50.8)	3.49 (88.6)
	3/8" ID	9.5mm ID	iUDCDR1700601	2 (50.8)	3.49 (88.6)
	1/2" ID	12.7mm ID	iUDCDR1700801	2 (50.8)	3.49 (88.6)
PANEL MOUNT HOSE BARB (RS-232 INTERFACE)	1/4" ID	6.4mm ID	iUDCDR1600400	For product dimensions visit cpcworldwide.com	
	3/8" ID	9.5mm ID	iUDCDR1600600		
	1/2" ID	12.7mm ID	iUDCDR1600800		
PANEL MOUNT HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iUDCDR1600401	For product dimensions visit cpcworldwide.com	
	3/8" ID	9.5mm ID	iUDCDR1600601		
	1/2" ID	12.7mm ID	iUDCDR1600801		

UDC COUPLING CAPS - Acetal

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
THREAD-ON 38MM VALVED	Without thread seal	38mm	iUDCDTCN3803	1.7 (43.2)	1.47 (37.3)
	With thread seal	38mm	iUDCDTCS3803	1.7 (43.2)	1.47 (37.3)

UDC COUPLING CAPS - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
SNAP-IN 38MM VALVED		38mm	iUDCDTSN0000	1.62 (41.1)	1.76 (44.7)
THREAD-ON 38MM VALVED	Without thread seal	38mm	iUDCDTCN3800	1.7 (43.2)	1.48 (37.6)
	With thread seal	38mm	iUDCDTCS3800	1.7 (43.2)	1.48 (37.6)

CHEMICAL-RESISTANT AND HIGHLY VERSATILE

IDENTIQUIK® PLC12 COUPLING



IdentiQuik® PLC12 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 PLC12 COUPLINGS INCLUDE:

- Flavor concentrates
- Cosmetic ingredients
- Laser cooling
- Many more

COUPLING READERS - Polypropylene



TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID		iPLCDR1700400	1.39 (35.3)	2.78 (70.6)
	3/8" ID	9.5mm ID		iPLCDR1700600	1.39 (35.3)	2.78 (70.6)
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID		iPLCD1700401	1 (25.4)	1.38/2.05 (35.1/52.1)
	3/8" ID	9.5mm ID		iPLCDR1700601	1.05 (26.7)	1.74/1.87 (44.2/47.5)

COUPLING INSERTS - Polypropylene



TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCT2200400	iPLCDT2200400	1.39 (35.3)	2.78 (70.6)
ELBOW HOSE BARB (USB INTERFACE)	3/8" ID	9.5mm ID	iPLCT2300600	iPLCDT2300600	1.48 (37.6)	1.33/1.46 (33.8/37.1)

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.

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

COLOR: Almond

TUBING SIZE:

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

INTERFACE:

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

OPERATING VOLTAGE:

RS-232: 8V – 24V

USB: 5V

POWER CONSUMPTION:

1.2W maximum

RF COMMUNICATION RANGE:

Approximately 1"

RFID TAG:

ISO 15693, 13.56MHz, 112 bytes programmable



cpcworldwide.com/iPLC12

FAST, SAFE AND LEAK-FREE FLUID CONNECTIONS

IDENTIQUIK®

NS4 NON-SPILL (NS) COUPLING




Identiquik® NS4 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 NS4 COUPLINGS INCLUDE:

- Large-format and inkjet printing
- Additive Manufacturing
- Blood analysis
- Many more

COUPLING READERS - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (RS-232 INTERFACE)	1/8" ID	3.2mm	iNS4DR1700200	2.15 (54.6)	3.49 (88.6)
	1/4" ID	6.4mm	iNS4DR1700400	2.15 (54.6)	3.49 (88.6)
	3/8" ID	9.5mm	iNS4DR1700600	2.15 (54.6)	3.49 (88.6)
IN-LINE HOSE BARB (USB INTERFACE)	1/8" ID	6.4mm ID	iNS4DR1700201	2.15 (54.6)	3.4 (86.4)
	1/4" ID	9.5mm ID	iNS4DR1700401	2.15 (54.6)	3.4 (86.4)
	3/8" ID	12.7mm ID	iNS4DR1700601	2.15 (54.6)	3.4 (86.4)

COUPLING INSERTS - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE HOSE BARB (RS-232 INTERFACE)	1/8" ID	3.2mm	iNS4DT2200200	For product	
	1/4" ID	6.4mm	iNS4DT2200400	dimensions visit	
	3/8" ID	9.5mm	iNS4DT2200600	cpcworldwide.com	

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.

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*

COLOR: Gray with dark gray overmold

LUBRICANTS: Krytox® PFPE (inert)

TUBING SIZE:

1/8" to 3/8", 3.2mm to 9.5mm

INTERFACE:

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

OPERATING VOLTAGE:

RS-232: 8V – 24V

USB: 5V

POWER CONSUMPTION:

1.2W maximum

RF COMMUNICATION RANGE:

Approximately 1"

RFID TAG:

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*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.



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