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



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:

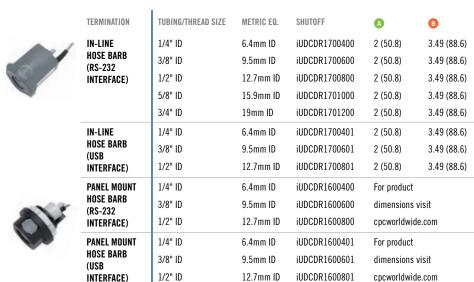
ISO 15693, 13.56MHz, 112 bytes programmable



cpcworldwide.com/iUDC

IDENTIQUIK SERIES DIMENSIONS

UDC COUPLING READERS - Polypropylene



UDC COUPLING CAPS - Acetal

INTERFACE)



12.7mm ID

iUDCDR1600801

UDC COUPLING CAPS - Polypropylene

6	TERMINATION SNAP-IN 38MM VALVED	TUBING/THREAD SIZE	METRIC EQ. 38mm	SHUTOFF iUDCDTSN0000	1 .62 (41.1)	B 1.76 (44.7)
	THREAD-ON 38MM VALVED	Without thread seal With thread seal	38mm 38mm	iUDCDTCN3800 iUDCDTCS3800	1.7 (43.2) 1.7 (43.2)	1.48 (37.6) 1.48 (37.6)



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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.

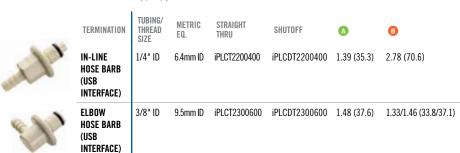
APPLICATIONS FOR PLC12 COUPLINGS INCLUDE:

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

COUPLING READERS - Polypropylene

	TERMINATION	TUBING/ THREAD SIZE	METRIC Eq.	STRAIGHT Thru	SHUTOFF	A	В
	IN-LINE	1/4" ID	6.4mm ID		iPLCDR1700400	1.39 (35.3)	2.78 (70.6)
9	HOSE BARB (USB Interface)	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



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

0-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



COUPLING INSERTS - Polypropylene



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:

ISO 15693, 13.56MHz, 112 bytes programmable

*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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