

EVERIS® PLQ4 SERIES CONNECTOR



Everis® PLQ4 series quick disconnect (QD) sockets

with 1/4" flow offer an alternative to metal quick disconnects while providing the same ultra-reliable, dripless connections and disconnections trusted to protect valuable electronics. Manufactured from high-performance polymer, these lightweight QDs feature CPC's patented valve technology and are interoperable with Everis LQ4 and LQ4S series plugs.

SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

Operating: 41°F to 149°F (5°C to 65°C)

Storage/Shipping*:

-40°F to 167°F (-40°C to 75°C)

MATERIALS:

Main Components: PEI

Valves and Thumb latch: PPSU

Valve Springs (wetted): Stainless steel

Seals: EPDM o-rings

Compliance: RoHS, REACH

COLOR:

Dark Gray with Red, Blue or Black Latch

TUBING SIZES:

1/4" to 3/8" ID (6.4mm to 9.5mm ID)

THREAD SIZES:

SAE-4, SAE-6, G 1/4

LUBRICANTS:

Krytox® PFPE

SPILLAGE:

<0.025 cc per disconnect at 0 psi

AIR INCLUSION:

<0.25 cc per connect

FLOW COEFFICIENT:

Cv ~ 1.3 max (1.12Kv)

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

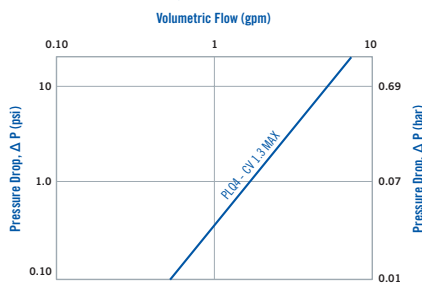
*The specified shipping and storage temperature range is specific to the CPC product and does not apply to external packaging or shipping materials.

FEATURES

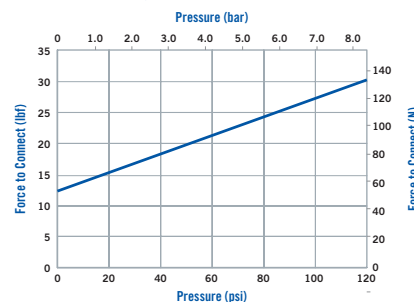
- High-performance polymer construction → Lightweight, resistant to corrosion and condensation, and chemically compatible with common coolants
- Non-spill valve design → Dry break to disconnect under pressure with no spills
- Redundant seals in connected state → Extra protection from leaks
- Ergonomic body and latch design → Simple, intuitive, one-handed operation
- Shrouded latch → Protection against accidental disconnections
- Audible click → Connection assurance
- Color coding → Instant visual difference in cooling line
- Barbed and threaded terminations → Terminations that work with various tubing options including clampless locking hose barb for reinforced tubing

BENEFITS

PLQ4 FLOW RATE



PLQ4 FORCE TO CONNECT



These graphs are intended to give you a general idea of the performance capabilities of each product line. Contact CPC for flow of a particular coupling combination.



cpcworldwide.com/Everis-PLQ4




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EVERIS® PLQ4 SERIES DIMENSIONS

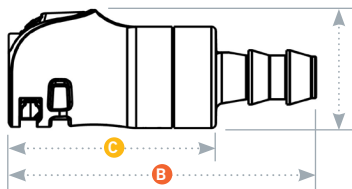
COUPLING SOCKET

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	HEX	A	B	C
 IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PLQ4D17004BLK		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
	1/4" ID	6.4mm ID	PLQ4D17004BLU		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
	1/4" ID	6.4mm ID	PLQ4D17004RED		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
	3/8" ID	9.5mm ID	PLQ4D17006BLK		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
	3/8" ID	9.5mm ID	PLQ4D17006BLU		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
	3/8" ID	9.5mm ID	PLQ4D17006RED		1.04 (26.3)	2.49 (63.3)	1.84 (46.6)
 IN-LINE LOCKING HOSE BARB	3/8" ID	9.5mm ID	PLQ4D17006BLK		1.04 (26.3)	2.72 (69.0)	1.84 (46.6)
	3/8" ID	9.5mm ID	PLQ4D17006BLU		1.04 (26.3)	2.72 (69.0)	1.84 (46.6)
	3/8" ID	9.5mm ID	PLQ4D17006LRED		1.04 (26.3)	2.72 (69.0)	1.84 (46.6)
 IN-LINE STRAIGHT THREAD SAE	1/4 SAE-4: 7/16-20 ¹		PLQ4D30004BLK	15/16"	1.06 (26.8)	2.21 (56.2)	1.84 (46.7)
	1/4 SAE-4: 7/16-20 ¹		PLQ4D30004BLU	15/16"	1.06 (26.8)	2.21 (56.2)	1.84 (46.7)
	1/4 SAE-4: 7/16-20 ¹		PLQ4D30004RED	15/16"	1.06 (26.8)	2.21 (56.2)	1.84 (46.7)
	3/8 SAE-6: 9/16-18 ¹		PLQ4D30006BLK	15/16"	1.06 (26.8)	2.23 (56.7)	1.84 (46.7)
	3/8 SAE-6: 9/16-18 ¹		PLQ4D30006BLU	15/16"	1.06 (26.8)	2.23 (56.7)	1.84 (46.7)
	3/8 SAE-6: 9/16-18 ¹		PLQ4D30006RED	15/16"	1.06 (26.8)	2.23 (56.7)	1.84 (46.7)
 IN-LINE THREAD G / BSPP	G1/4 ²		PLQ4D31004BLK	24mm	1.06 (26.8)	2.28 (57.9)	1.91 (48.5)
	G1/4 ²		PLQ4D31004BLU	24mm	1.06 (26.8)	2.28 (57.9)	1.91 (48.5)
	G1/4 ²		PLQ4D31004RED	24mm	1.06 (26.8)	2.28 (57.9)	1.91 (48.5)

¹All SAE terminations are compatible with SAE J1926-1 ports.

²All G (BSPP) terminations are compatible with ISO 1179-1 ports.

PRODUCT DIMENSIONS



- A** = Height/Diameter
- B** = Total Length
- C** = Connected Length

All measurements are in inches (millimeters) unless otherwise noted.

WARRANTY: All sales are subject to Colder Products Company's 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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