CNG

Materials

Body and Adaptor Shaft: Stainless steel

Internal Components: Stainless steel

Seals: Specially formulated polymers and elastomers specific to high-pressure NGV applications.



CL5078

Features

- **High-Flow** - the flow path has been optimized to increase the amount of flow and decrease the pressure drop resulting in a reduction of noise and vibration from the check valve.
- **Durable, Corrosion-Resistant Construction** - stainless-steel construction provides improved durability and corrosion resistance in the harsh on-highway, heavy-duty environment.
- **Non-Contact Check Valve** - each OPW CL Series Receptacle contains a highly reliable non-contact check valve that opens when differential pressure is present during refueling.
- **Sealing System** - the sealing system in all CL Series Receptacles consists of a stainless-steel poppet that aligns with a rearward facing captured seal located in the receptacle body. This arrangement prevents seal "wash out" during high flow and has exceptional wear resistance under all operating pressure and temperature conditions.
- **Rubber Dust Cap** - a standard protective dust cap is supplied with all receptacles.
- **Serviceable O-ring** - designed to prevent leakage at the connection point.
- Connects to CT5000S and CC6000 Series Heavy-Duty CNG Nozzles.

Specifications:

Min. Flow Rate: 5000 SCFM @ 3000 psid

Temperature Range: -40°F to 85°F (-40°C to 85°C)

Cv: 3.30

MAWP: 5000 psi (345 bar)

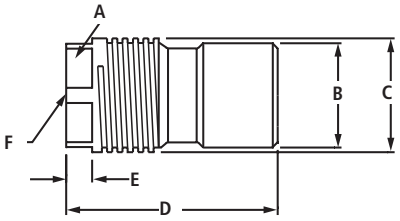
Ordering Specifications

Product #	Type/Size	Service Pressure*		Weight	
CL50	NGV1 P30HD; ISO14469 C200 7/8" - 14 SAE-10 Female Port	3600 psi.	250 bar	0.91 lb.	0.413 kg
CL5000	CL50 + 5/8" Double Ferrule Fitting	3600 psi.	250 bar	1.29 lbs.	0.585 kg
CL5078	CL50 + 001129	3600 psi.	250 bar	1.14 lbs.	0.518 kg
CL5016	CL50 + 001133	3600 psi.	250 bar	1.29 lbs.	0.585 kg
001129	7/8"-14 SAE-10 Male Fitting				
001133	16 mm Double-Ferrule Fitting				
212433	7/8" - 14 SAE-10 to 1/2" Tube Fitting				
212439	1/2" Tube Nut and Ferrule Fitting				
001121	Replacement "Interface" O-ring for CL50 Series Receptacles				
001126	Replacement Rubber Dust Cap				

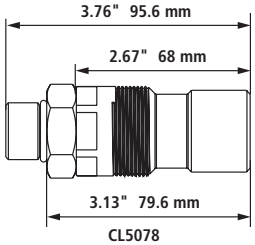
*CL series is certified for pressures NGV1 P36 & ISO14469 C250

CL50 Series Bus/Heavy-Duty Truck Receptacles

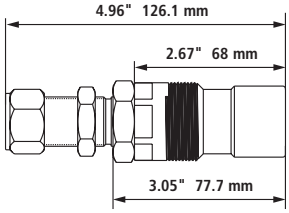
OPW CL50 Series Receptacles are designed for use on extremely high-flow, heavy-duty applications including quick-fill, self-service fueling of transit buses and large trucks.



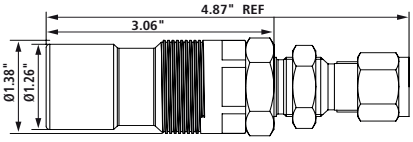
CL50



CL5078



CL5016



Custom w/tube fitting available. Call Us!

Dimensions

CL50	in	mm
A	1.25	32
B	1.25	32
C	1.39	35
D	2.67*	68*
E	0.31	8
F	SAE J1926-10 7/8"–14 UNF	

*D-Dimensions for:

	in	mm
CL5000	4.80	122.1
CL5016	4.96	126.1
CL5078	3.76	95.6

Listings and Certifications

TÜV SÜD Industry Service

NGV1
ISO14469

E24 110R

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