



WHERE FORM & FUNCTION CONVERGE

FUELLING | WHAT'S NEXT

NEW
PRODUCT

OPW Pistol Grip Series Self-Service Nozzles (NGV1 & ISO14469, Type 1)

Designed for high-flow public and private CNG fuelling systems.
Applications include quick-fill, self-service fuelling of automobiles,
light trucks, shuttle buses and vans.

OPW 
a **DOVER** company

www.opwglobal.com

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Features

- **High-Flow/Fast-Fill Capability** – provides quick fuelling of medium storage vehicles. Internal seals are designed for fast-fill NGV fuelling.
- **Ergonomic Design** – simple squeeze and release motion ensures connection and dispensing by all users. Insulated body to protect operator's hand.
- **Directed Vent** – captures the gas vented at disconnect and directs it out of the nozzle via a 1/4" stainless steel vent which can be piped to a remote venting location or back to the upstream side of the compressor. Capturing vent gas is environmentally desirable by agencies such as the EPA and provides an added measure of safety by minimizing the amount of gas present at the filling site. It also reduces vent noise and eliminates escaped gas smell.
- **User-Friendly Lever-Action Operation** – (see visuals below) engage nozzle and receptacle with a familiar lever action. This secures the nozzle jaws onto the receptacle, activating a system of three internal valves that regulate fuelling. The nozzle will not dispense gas until securely engaged onto an appropriate receptacle. When fuelling is complete, squeeze and release the lever to automatically stop the flow of gas into the vehicle, vent the trapped gas and release the nozzle from the receptacle. Designed for public or private self-service applications, no attendant is needed.

- **Jaw-Lock Technology** – designed specifically for the frequent coupling and uncoupling of the high-pressure gas connections of NGV fuelling. Forces at the contact point are distributed over the entire surface area of the receptacle.
- **Meets NGV1 & ISO14469 Fuelling Standard** – can be used to fuel any vehicle with appropriate profile receptacle.
- Individually Leak Tested and Inspected with Traceable Serial Number.

Specifications

- **Min. Flow Rate:** 1200 SCFM @ 3000 psid
- **Temperature Range:** -40° F to 185° F (-40° C to 85° C) MAWP: 4532 psi (312.5 Bar)

Materials

- **Body:** Stainless steel and aluminum
- **Jaws:** Stainless steel
- **Seals:** Speciality polymers and elastomers for NGV applications
- Inlet filter and magnet in hand guard are standard

Inlet Hose Adaptors

Type 1: Fill: 3/4-16 UNF-2A, -8 37° JIC
Vent: 7/16 UNF, -4 37° JIC

Type 2: Fill: 9/16-18 UNF-2A, -6 37° JIC
Vent: 7/16 UNF, -4 37° JIC

User-Friendly Lever-Action Operation

Insert nozzle onto receptacle.



Squeeze-and-click to FILL.



Squeeze-and-click to VENT.



OPW Pistol Grip Nozzle Configurator

Configure Your Part Number



Pressure Class
P30 = 3600PSI = 200bar (Blue Cover)
P36 = 3600PSI = 250bar (Yellow Cover)

Dims	in	mm
A	13.80	350.5
B	5.07	128.7
C	4.35	110.6
D	1.57	40.0
E	1.41	36.0
F	1.27	32.4
G	2.85	72.3

PG 3 1 P36

Guard Type

No. 3
With Pins
(wings) Only
(e.g. Gilbarco SK700,
Scheid&B)



No. 4
With Hook Only
(e.g. Tokheim,
Petrotec)

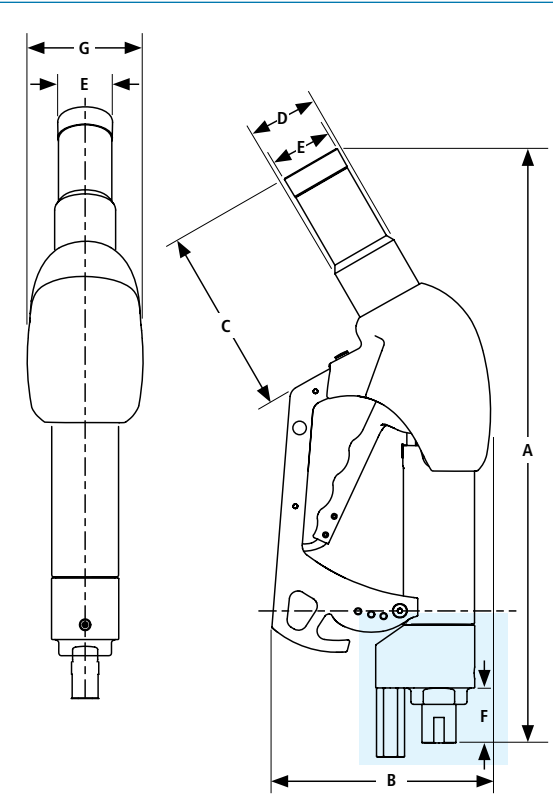


No. 8
With Hook & Pins
(e.g. Wayne, older
Tatsuno)

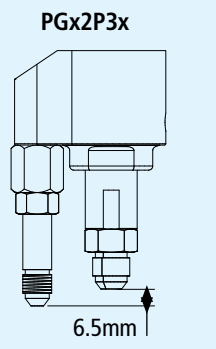
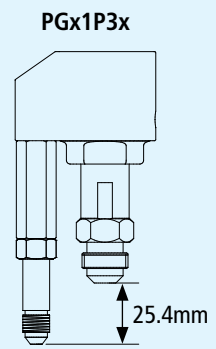


Offset Type of Hose Connection

- 1** – Offset 25,4mm to replace OPW CT1000LS / inlet 3/4-16 UNF-2A, -8 37° JIC
- 2** – Offset 6,5mm to replace TK17 Weh / inlet 9/16-18 UNF-2A, -6 37° JIC



PGN Inlet Adaptor





Nozzle Holder Part No. OP2303131

**Listings and
Certifications**
Pat. 9,527,720



NGV1
ISO14469

**Pending Listings
and Certifications**

CRN



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