

NGP HIGH PRESSURE POINT VALVES

NICHE GAS PRODUCTS
Gas Equipment Solutions

NGP presents a **new range** of high pressure point valves. They are specifically designed for applications where a single gas cylinder is to be used as the supply source for a pipeline system. The valve allows the pipeline regulator to be "hard plumbed" to the pipeline. The cylinder is connected to the point valve via a high pressure flexible lead, also available from NGP in a variety of lengths as either LifeGuard safety hose or ARMA-flex.

The point valves have gas specific outlet connections, and either right or left hand threaded inlet connections, (left hand for fuel gases, right hand for non fuel gases). The whole valve can be rotated 90° on the wall to allow for vertical outlet regulator connection. It also allows for horizontal plane adjustment - ideal for reverse configured regulators.

The inlet connections have non-return valves fitted to prevent accidental reverse flow if an empty or partially empty cylinder is connected to the point valve.

The point valve is easily mounted to the wall using two 6mm (1/4") screw via a laser cut stainless steel mounting bracket. The standard bracket is designed so that a single stage regulator can be fitted to the point valve. An option of a longer bracket is available if extra clearance from the wall is required, eg. a dual stage regulator is to be fitted.

Point valves can be supplied with or without high pressure cylinder hoses. NGP has a wide selection of hoses and fittings to choose from. The high pressure point valve is also suitable for high purity gas applications as the point valve comes standard chrome plated. A cylinder contents gauge or inlet purge valve can be fitted at the time of ordering. Outlet connections other than those listed in the ordering information section can be supplied on request, (eg. CGA or DIN fittings).



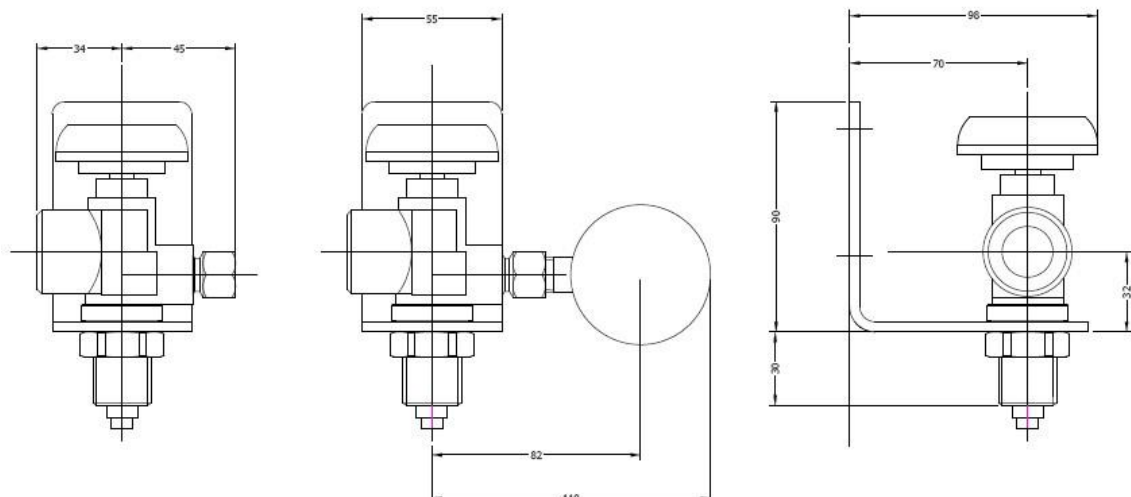
MATERIALS OF CONSTRUCTION

Outlet Block:	Brass Isolation Valve Body, nickel plated
Isolation Valve Seat:	Nickel Silver/Nylon
Isolation Valve Gland:	PTFE
Isolation Valve Knob:	Flame Retardant Nylon
Non-Return Valves:	Brass/Bronze
Mounting Bracket:	Stainless steel

SPECIFICATIONS

Maximum Inlet Pressure:	300 Bar @ 15° C
Inlet Connection:	M18 x 1.75 RH for industrial non-fuel gases M18 x 1.75 LH for industrial fuel gases
Outlet Connection:	refer table
Temperature Operating Range:	0-60° C
Weight:	1.0 kgs
Basic Dimensions:	75mm x 75mm x 153mm

BASIC DIMENSIONS



ORDERING INFORMATION

Part No	Working Gas	Outlet Fitting	Inlet Fitting	800mm Hose	1.8 M Hose
NGP9001-ACET	Acetylene	Type 20	M18 x 1.75 LH	NGP1503-M18	NGP1505-M18
NGP9000-AIR	Air	Type 60	M18 x 1.75 RH	NGP1533-M18	NGP1535-M18
NGP9000-ARG	Argon/Argoshield	Type 10	M18 x 1.75 RH	NGP1500-M18	NGP1502-M18
NGP9000-CO2	Carbon Dioxide	Type 30	M18 x 1.75 RH	NGP1549-M18	NGP1553-M18
NGP9001-FUE	Fuel & Fuel Gas Mixtures	Type 20	M18 x 1.75 LH	NGP1565-M18	NGP1567-M18
NGP9000-HE	Helium	Type 10	M18 x 1.75 RH	NGP1509-M18	NGP1511-M18
NGP9001-H2	Hydrogen	Type 20	M18 x 1.75 LH	NGP1506-M18	NGP1508-M18
NGP9000-INE	Non Flammable Gas Mixtures	Type 10	M18 x 1.75 RH	NGP1500-M18	NGP1502-M18
NGP9000-N2	Nitrogen	Type 50	M18 x 1.75 RH	NGP1530-M18	NGP1532-M18
NGP9000-N2O	Nitrous Oxide	Type 30	M18 x 1.75 RH	NGP1558-M18	NGP1560-M18
NGP9000-OXY	Oxygen	Type 10	M18 x 1.75 RH	NGP1549-M18	NGP1541-M18

- To add a contents gauge, add a "GAUGE" suffix to the above Point Valve part numbers.
- To include a purge valve, add a "PURGE" suffix to the above Point Valve part numbers. (purge valve is MWP 3000psi, Oxy cleaned)
- Longer hoses are also available

ORDERING EXAMPLE

NGP9001-OXY-PURGE A high pressure oxygen point valve with purge

SPECIAL OPTIONS

(additional body pictured superseded)



Inlet Purge Valve Option Inlet Contents Gauge Option

Spare Parts

Part No	Description
NGP9500	Stainless Steel bracket
NGP9501	Nut, STST, HP point valve.
NGP9502	Washer, Star, External, 24mm,

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GAS EQUIPMENT SOLUTIONS