

Propress G

Submittal Package



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Product group description

Flow-optimised press connector system made of copper (99.9 % Cu-DHP), gunmetal or silicon bronze for copper pipes. Press connector for protecting the sealing element equipped with cylindrical pipe guide. Press connector from DN65 with stainless steel compression ring to ensure the mechanical strength of the connection. Suitable for concealed and pre-wall installations of manifold and riser pipes. The pressing force is located before and behind the sealing element seat.

Labeling

Manufacturer, Pipe dimension, Batch, Yellow dot on press end, Yellow rectangle with inscription »Gas«, Detachable orange label as press indicator from DN65

Inadvertently unpressed connections are noticed immediately during a leakage test.

Viega guarantees the detection of unpressed connections in the following pressure ranges with compressed air or inert gases:

min. air pressure: 22 hPa / 2.2 kPa / 22 mbar / 0.3 PSI

max. air pressure: 0.3 MPa / 300 kPa / 3 bar / 43.5 PSI

Sealing elements for press connection

HNBR (hydrogenated acrylonitrile butadiene rubber), profile sealing element, yellow, pre-assembled

Dimension

d12–108.0, Size availability in accordance with the national regulations, DN15–100

Tools

The functional safety of Viega press connector systems depends primarily on the faultless condition of the press tools used. Viega recommends the use of Viega press tools for pressing Viega press connectors. Viega press tools have to be regularly maintained by authorised service partners.

Areas of application

Natural gas/liquid gas

Heating oil/diesel fuel (DN15–50)

Note

Use of the system for areas of application and media other than those described must be agreed in consultation with Viega. Detailed information concerning applications, limitations and national codes and standards can be found in the product documentation, either printed or on the Viega website.

Note – Standards and approvals

Copper tube: type A & B hard drawn copper tube from DN15 to DN100 and annealed copper tube in DN15 to DN40.

Australian Standardsmark approval No. SMK21120.

AS/NZS 5601 compliant.

Operating conditions gas and liquid gas installations

operating temperature -20 °C to +70 °C (-4 °F to +158 °F)

operating pressure max. 0.5 MPa / 5 bar / 72.5 PSI

Operating conditions heating oil and diesel fuel installation

operating temperature max. 40 °C / 104 °F

operating pressure -0.05 to +0.5 MPa (-0.5 to +5 bar / -7.25 to +72.5 PSI)

Materials press connector

Copper: 99.9% Cu-DHP

Gunmetal: CC499K

silicon bronze: CC246E / CW246E

Changes and errors excepted.

Latest Z- and installation dimensions as well as further technical information can be found on the Viega website and have to be checked before purchase, planning, construction work and use. Our products are continuously optimized.

Warranty

Viega Propress G carry a 25 year warranty against defects in material and workmanship.

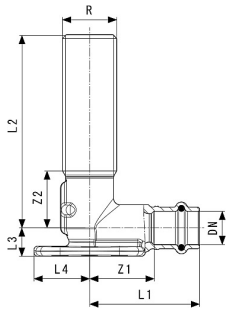
Certification



SAI StandardsMark Licence

Propress, Sanpress and Sanpress Inox

Z-dimensions



Propress G back plated male elbow with Smart Connect Feature

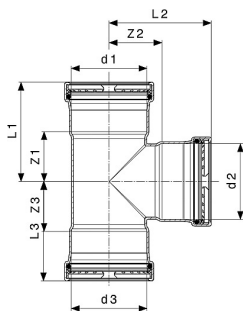
- Gunmetal
- Press connection, R-thread

Components

HNBR sealing element

Model 0832.1

Article	DN	R	Z1 [mm]	Z2 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]
634 070	15	½	25	22	43	75	11	22



Propress G XL T-piece with Smart Connect Feature

- Copper
- Press connection

Components

HNBR sealing elements

Model 0818XL

Article	DN1	DN2	DN3	Z1 [mm]	Z2 [mm]	Z3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]
623 036	65	65	50	41	43	41	84	82	84
623 005	65	65	65	46	90	46	89	90	89
623 043	80	80	50	40	49	40	90	88	90
623 050	80	80	65	43	53	43	93	96	93
623 012	80	80	80	51	54	51	101	104	101
623 067	100	100	50	45	64	45	105	103	105
623 074	100	100	65	45	67	45	105	110	105
623 081	100	100	80	52	67	52	112	117	112
623 029	100	100	100	68	67	68	128	126	128

Model number directory

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Article number directory

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623 012	6
623 029	6
623 036	6
623 043	6
623 050	6
623 067	6
623 074	6
623 081	6
634 070	6

Imprint

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