

# VNN01 Gauge Check Valve

- The gauge check valve, also known as No-Loss Connector is designed for use on Fire Sprinkler Systems to safely enable a pressure gauge to be removed without the need to manually isolate.
- The spring mechanism within the valve compresses when the pressure gauge is fitted to allow the valve to open and automatically closes the valve when the gauge is removed to prevent any pressure loss. This valve can also be used on some water tanks to safely allow the fitting of a direct reading tank contents gauge.
- Maximum operating temperature 60°C
- Maximum working pressure 300PSI

## Material Specifications

Part	Material
Body	Brass
Plunger	Nylon
Spring	304SS
Internal Seal	NBR



Part Number	Process Connection	Gauge Connection
VNN01-3/4"-1/2"	3/4" NPT Male	1/2" NPT Female
VNN01-1/2"-3/8"	1/2" NPT Male	3/8" NPT Female
VNN01-1/2"-1/4"	1/2" NPT Male	1/4" NPT Female
VNN01-3/8"-1/4"	3/8" NPT Male	1/4" NPT Female
VNN01-3/4"B-1/2"A	3/4" BSPT Male	1/2" BSPP Female
VNN01 -1/2"B-3/8"A	1/2" BSPT Male	3/8" BSPP Female
VNN01 -1/2"B-1/4"A	1/2" BSPT Male	1/4" BSPP Female
VNN01 -3/8"B-1/4"A	3/8" BSPT Male	1/4" BSPP Female
VNN01-3/4"-1/2"A	3/4" NPT Male	1/2" BSPP Female
VNN01-1/2"-3/8"A	1/2" NPT Male	3/8" BSPP Female
VNN01-1/2"-1/4"A	1/2" NPT Male	1/4" BSPP Female
VNN01-3/8"-1/4"A	3/8" NPT Male	1/4" BSPP Female
VNN01-3/4"B-1/2"	3/4" BSPT Male	1/2" NPT Female
VNN01-1/2"B-3/8"	1/2" BSPT Male	3/8" NPT Female
VNN01-1/2"B-1/4"	1/2" BSPT Male	1/4" NPT Female
VNN01-3/8"B-1/4"	3/8" BSPT Male	1/4" NPT Female

**NOTE:** The port thread of the pressure gauge shall be taper pipe thread.