

# Check Valves Series 010

↘ Leaktight

↘ Effective

↘ Brass or stainless steel



↘ These check valves (or non-return valves) are used for unidirectional flow. They provide a simple, but effective, leak-tight closure with minimum flow resistance. They are available in brass or stainless steel, depending on the gas service

## ↘ Specifications

### Material

Body: brass or 316L stainless steel  
O-ring: Buna-N® or Viton®

### Pressure/Temperature rating

Maximum operating pressure: 210 bar.g  
Temperature range:  
Buna-N® O-ring: -23°C to +121°C  
Viton® O-ring: -23°C to +190°C  
Cracking pressure: 70 mbar (1 psi)

## ↘ Ordering Information

Order Code	Material	Connections
010-B-1	Brass	1/4 inch NPT male
010-B-2		1/4 inch NPT female
010-S-1	316L Stainless steel	1/4 inch NPT male
010-S-2		1/4 inch NPT female

# Adjustable Relief Valves Series 020



➤ Automatic venting of gas or liquid systems protecting installations from over-pressurisation is the primary application of the Series 020 relief valve. These relief valves are selected to be used in conjunction with any of our regulators to relieve excess downstream pressure due to system malfunction. For other applications it is important to verify the suitability of the relief valve, particularly with regard to maximum flowrate.

## ➤ Specifications

### Material

Body: brass, 316L stainless steel  
O-ring: Buna-N®, Viton® or Kalrez®

### Temperature and flow rating

Temperature rating:  
Buna-N® O-ring: -23°C to + 121°C  
Viton® O-ring: -23°C to + 190°C  
Flow coefficient: CV = 0.35

## ➤ Ordering Information

Order Code	Material	Relief Range (bar.g)	Connections
<b>020-B-1</b>	<b>Brass</b>	<b>0.2 to 40</b>	<b>1/4 inch NPT male</b>
<b>020-S-2</b>	<b>316L Stainless steel</b>	<b>0.2 to 40</b>	<b>1/4 inch NPT male</b>

Note: Please specify the required relief pressure at time of ordering.

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