

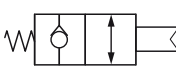
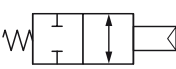
# Logic Valves & Flow Control

## Pneumatic Blocking Valve

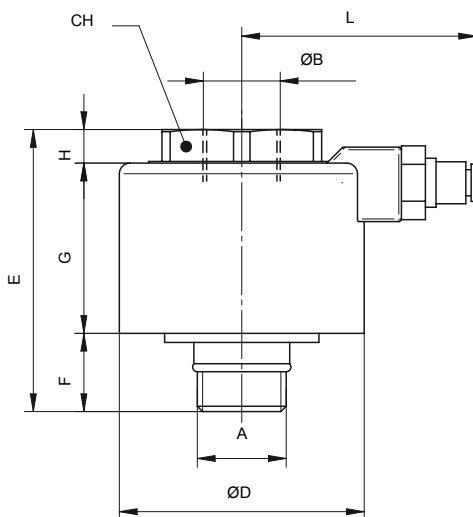
### Technical information

|                           |   |
|---------------------------|---|
| <b>Pressure range:</b>    | Max. 10 bar (one-way)<br>Max. 8 bar (blocked)                   |
| <b>Control pressure:</b>  | 4.5 bar (one-way)<br>2 bar (blocked)                            |
| <b>Temperature range:</b> | -10°C...+80°C   |
| <b>Materials:</b>         | Brass with zamak coating  |
| <b>Operating medium:</b>  | 5 micron filtered, lubricated or non-lubricated compressed air. |



| Symbol   | Description  | Ports | Order code     |
|--|--|-------|----------------|
|   | Blocking valve (spring return condition one-way) 4mm push-in tube connection | G1/8  | <b>V718800</b> |
|  | Blocking valve (spring return condition one-way) 4mm push-in tube connection | G1/4  | <b>V714400</b> |
|  | Blocking valve (spring return condition one-way) 4mm push-in tube connection | G3/8  | <b>V713300</b> |
|  | Blocking valve (spring return condition one-way) 4mm push-in tube connection | G1/2  | <b>V712201</b> |
|  | Blocking valve (spring return condition blocked) 4mm push-in tube connection | G1/8  | <b>V618800</b> |
|  | Blocking valve (spring return condition blocked) 4mm push-in tube connection | G1/4  | <b>V614400</b> |
|  | Blocking valve (spring return condition blocked) 4mm push-in tube connection | G3/8  | <b>V613300</b> |
|  | Blocking valve (spring return condition blocked) 4mm push-in tube connection | G1/2  | <b>V612201</b> |

### Dimensional drawings



| A   | B   | D  | E  | F  |
|-----|-----|----|----|----|
| 1/8 | 1/8 | 30 | 30 | 9  |
| 1/4 | 1/4 | 36 | 38 | 12 |
| 3/8 | 3/8 | 46 | 47 | 14 |
| 1/2 | 1/2 | 46 | 56 | 23 |

| G  | H  | L  | CH | Q (NI/min) |
|----|----|----|----|------------|
| 21 | 6  | 29 | 17 | 800        |
| 26 | 6  | 33 | 22 | 1900       |
| 33 | 6  | 36 | 30 | 2500       |
| 33 | 14 | 36 | 30 | 2500       |

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