

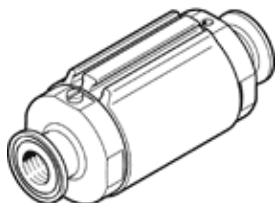
# Pinch valve

## VZQA-C-M22C-15-S5S5-ALV4E-6-E

Part number: 3412425

FESTO

Pneumatically actuated pinch valve in aluminium, safety position closed, clamping nozzle connection, end-position sensing, DN15.



## Data sheet

| Feature                           | Value  |
|-----------------------------------|--|
| Design structure                  | Pneumatically actuated pinch valve                 |
| Type of actuation                 | pneumatic  |
| Sealing principle                 | soft   |
| Assembly position                 | Any  |
| Mounting type                     | Line installation                                  |
| Process valve connection          | Clamp to DIN 32676 series A                        |
| Nominal diameter DN               | 15   |
| Valve function                    | 2/2 closed, monostable                             |
| Flow direction                    | reversible   |
| Pressure of medium                | 0 ... 0.6 MPa                                      |
| Medium pressure                   | 0 ... 6 bar  |
| Pressure of medium psi            | 0 ... 87 psi                                       |
| Operating pressure MPa            | 0.35 ... 0.6 MPa                                   |
| Working pressure                  | 3.5 ... 6 bar                                      |
| Operating pressure                | 50.75 ... 87 psi                                   |
| Nominal pressure of process valve | 10   |
| Burst pressure                    | 1.6 MPa  |
| Bursting pressure                 | 16 bar   |
| Burst pressure                    | 232 psi  |
| Type of reset                     | mechanical spring                                  |
| Type of piloting                  | With external control                              |
| Auxiliary pilot air port 12       | M5   |
| Pilot medium                      | Compressed air to ISO 8573-1:2010 [7:4:1]          |
| Medium                            | Compressed air to ISO 8573-1:2010 [-:~:1]<br>Water |
| Max. viscosity                    | 4,000 mm <sup>2</sup> /s                           |
| Medium temperature                | -5 ... 100 °C                                      |
| Ambient temperature               | -5 ... 60 °C                                       |
| Storage temperature               | 5 ... 20 °C  |
| Flow rate Kv                      | 5 m <sup>3</sup> /h                                |
| Switching time on                 | 150 ms   |
| Switching time off                | 250 ms   |
| Materials note                    | Conforms to RoHS                                   |
| PWIS conformity                   | VDMA24364 zone III                                 |
| Material housing                  | Wrought Aluminum alloy                             |
| Material housing cover            | High alloy steel, non-corrosive                    |
| Material no. housing cover        | 1.4404 / AISI 316L                                 |
| Material seals                    | FPM  |
| Material shut-off element         | EPDM   |
| Product weight                    | 608 g  |
| Food-safe                         | See Supplementary material information             |
| Material bowl                     | PA6  |