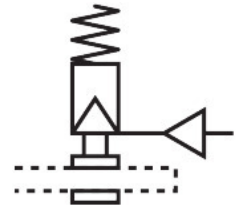
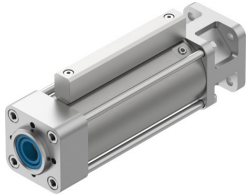


# Holding brake DACS-16-A-S

Part number: 8072770

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                      | Value                                                                                                                      |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Mounting position                            | optional                                                                                                                   |
| Type of clamping with direction of action    | on both sides<br>Clamping via spring force, released via compressed air                                                    |
| Symbol                                       | 00992086                                                                                                                   |
| Position detection                           | Via proximity switch                                                                                                       |
| Safety function                              | Holding and stopping a movement                                                                                            |
| Performance Level (PL)                       | Stopping, holding, blocking a movement/category 1, Performance Level c                                                     |
| Operating pressure                           | 0.38 MPa ... 0.8 MPa                                                                                                       |
| Operating pressure                           | 3.8 bar ... 8 bar                                                                                                          |
| Operating pressure                           | 55.1 psi ... 116 psi                                                                                                       |
| Max. permissible test pressure               | 8 bar                                                                                                                      |
| Min. release pressure                        | 3.8 bar                                                                                                                    |
| Round material to be clamped                 | 16 mm                                                                                                                      |
| Approval                                     | German Technical Control Board (TÜV)                                                                                       |
| CE mark (see declaration of conformity)      | To EC Machinery Directive                                                                                                  |
| UKCA marking (see declaration of conformity) | To UK regulations for machines                                                                                             |
| Explosion protection                         | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                | German Technical Control Board (TÜV) CA 697                                                                                |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:4:4]                                                                                  |
| Corrosion resistance class CRC               | 1 - Low corrosion stress                                                                                                   |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                                                                                                             |
| Ambient temperature                          | -20 °C ... 80 °C                                                                                                           |
| Static holding force                         | 1350 N                                                                                                                     |
| Product weight                               | 1483 g                                                                                                                     |
| Type of mounting                             | Via female thread<br>With accessories                                                                                      |
| Release connection, clamping unit            | G1/8                                                                                                                       |
| Note on materials                            | RoHS-compliant                                                                                                             |
| Material seals                               | NBR<br>TPE-U(PU)                                                                                                           |
| Material spring                              | High-alloy steel                                                                                                           |

| Feature             | Value      |
|---------------------|------------|
| Material housing    | Steel      |
| Material clamp jaws | Tool steel |
| Material piston     | Steel      |