

# Stopper cylinder DFST-50-30-D-Y4-A-G2

Part number: 8090407

**FESTO**



 General operating condition

## Data sheet

| Feature                                             | Value                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------|
| Stroke                                              | 30 mm                                                                                        |
| Piston diameter                                     | 50 mm                                                                                        |
| Cushioning                                          | Elastic cushioning rings/pads at both ends<br>Pneumatic shock absorber, adjustable, at front |
| Mounting position                                   | Vertical                                                                                     |
| Mode of operation                                   | Double-acting                                                                                |
| Structural design                                   | Piston rod with toggle lever                                                                 |
| Position sensing                                    | For proximity sensor                                                                         |
| Toggle lever position query                         | For inductive proximity sensors                                                              |
| Symbol                                              | 00991216                                                                                     |
| Protection against torsion/guide                    | Guide rod                                                                                    |
| Operating pressure                                  | 0.2 MPa ... 1 MPa                                                                            |
| Operating pressure                                  | 2 bar ... 10 bar                                                                             |
| Operating medium                                    | Compressed air as per ISO 8573-1:2010 [7:-:-]                                                |
| Corrosion resistance class (CRC)                    | 1 - Low corrosion stress                                                                     |
| LABS (PWIS) conformity                              | VDMA24364 zone III                                                                           |
| Ambient temperature                                 | 5 °C ... 60 °C                                                                               |
| Cushioning length                                   | 15 mm                                                                                        |
| Permissible impact force on the advanced piston rod | 3000 N                                                                                       |
| Product weight                                      | 1900 g                                                                                       |
| Type of mounting                                    | With through-hole                                                                            |
| Pneumatic connection                                | G1/8                                                                                         |
| Note on materials                                   | RoHS-compliant                                                                               |
| Cover material                                      | Die-cast aluminum                                                                            |
| Seals material                                      | NBR                                                                                          |
| Housing material                                    | Wrought aluminum alloy                                                                       |
| Piston rod material                                 | High-alloy stainless steel                                                                   |
| Roller material                                     | POM                                                                                          |