

# Stopper cylinder DFST-80-40-DL-Y4-A-G2

Part number: 8089688

**FESTO**



## Data sheet

| Feature                           | Value                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------|
| Stroke                            | 40 mm                                                                                |
| Piston diameter                   | 80 mm                                                                                |
| Cushioning                        | Elastic cushioning rings/plates at both ends<br>Shock absorber, adjustable, at front |
| Mounting position                 | Vertical                                                                             |
| Mode of operation                 | Double-acting                                                                        |
| Design                            | Piston rod with toggle lever                                                         |
| Position detection                | Via proximity switch                                                                 |
| Sensing the toggle lever position | Via inductive sensors                                                                |
| Protection against torque/guide   | Guide rod                                                                            |
| Operating pressure                | 0.2 MPa...1 MPa<br>2 bar...10 bar                                                    |
| Operating medium                  | Compressed air to 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                 | 20 mm                                                                                |
| Impact force                      | 6000 N                                                                               |
| Product weight                    | 6350 g                                                                               |
| Type of mounting                  | With through-hole                                                                    |
| Pneumatic connection              | G1/8                                                                                 |
| Note on materials                 | RoHS-compliant                                                                       |
| Material cover                    | Die-cast aluminium                                                                   |
| Material seals                    | NBR                                                                                  |
| Material housing                  | Wrought aluminium alloy                                                              |
| Material piston rod               | High-alloy stainless steel                                                           |
| Material roll                     | POM                                                                                  |