

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

Part number: 8090411

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 rocker   |
| Position sensing                                    | Via proximity switch   |
| Toggle lever position query                         | For inductive 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                                     | Steel  |