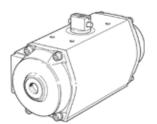
## Semi-rotary actuator DRE-8-F05-Q10-FS-O Part number: 561843

**FESTO** 

Single-acting, air connection as per VDI/VDE 3845, Namur valves can be directly flange-mounted  $\,$ 





## **Data sheet**

| Feature                                      | Value  |
|--|--|
| Size of actuator                             | 8  |
| Flange hole pattern                          | F05  |
| Swivel angle                                 | 90 deg   |
| End-position adjustment range at 0°          | -4 8 deg   |
| End-position adjustment range at 90°         | -8 4 deg   |
| Fitting connection conforms to standard      | ISO 5211   |
| Cushioning                                   | No cushioning  |
| Assembly position                            | Any  |
| Mode of operation                            | single-acting  |
| Design structure                             | Rack and pinion  |
| Position detection                           | No   |
| Closing direction                            | Spring force, closing  |
| Valve connection conforms to standard        | VDI/VDE 3845 (NAMUR)   |
| Working pressure                             | 2 10 bar   |
| ATEX category Gas                            | II 2G  |
| Explosion ignition protection type Gas       | c T6   |
| ATEX category Dust                           | II 2D  |
| Explosion ignition protection type Dust      | c 60°C   |
| Explosion-proof ambient temperature          | -20°C <= Ta <= +60°C   |
| Operating medium                             | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
| Note on operating and pilot medium           | Lubricated operation possible (subsequently required for further |
|  | operation)   |
| CE symbol (see declaration of conformity)    | according to EU-Ex protection guideline (ATEX)                   |
| Corrosion resistance classification CRC      | 3  |
| Ambient temperature                          | -20 80 °C  |
| Torque at 6 bar                              | 53.5 Nm  |
| Spring return moment                         | 20.5 Nm  |
| Air consumption at 6 bar per cycle 0°-90°-0° | 2.4 l  |
| Product weight                               | 2,200 g  |
| Shaft connection                             | V14  |
| Pneumatic connection                         | Subbase  |
|  | G1/4   |
| Materials note                               | Contains PWIS substances   |