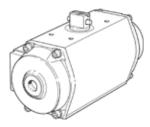
## Semi-rotary actuator DRE-8-F05-Q08-FO-O-PS Part number: 561857

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

This product is only available if ordered from the Festo Corporation, USA.



## **Data sheet**

| Feature                                      | Value                                                                       |
|----------------------------------------------|-----------------------------------------------------------------------------|
| Size of actuator                             | 8                                                                           |
| Flange hole pattern                          | F05                                                                         |
| Swivel angle                                 | 90 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                                                                          |
| 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                                                                   |
| 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                                                    |

## **FESTO**

