

# Swivel module

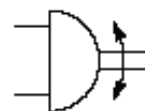
## DSM-12-270-P-FW-CL

Part number: 170080

FESTO

With flanged shaft, shock absorber on left

These drives can be delivered on request with ATEX certification. The data on "ATEX identification", "ATEX ambient temperature" and "CE label" in the data sheet relate only to drives with certification.



## Data sheet

| Feature                                   | Value  |
|---|--|
| Size                                      | 12   |
| Cushioning angle                          | 13 deg   |
| Rotation angle adjustment range           | 0 ... 254 deg                                    |
| Swivel angle                              | 254 deg  |
| Cushioning                                | P: Flexible cushioning rings/plates at both ends |
| Assembly position                         | Any  |
| Fine adjustment                           | -5 deg   |
| Mode of operation                         | double-acting                                    |
| Design structure                          | Rotary vane                                      |
| Position detection                        | No   |
| Operating pressure                        | 2 ... 10 bar                                     |
| Max. swivel frequency at 6 bar            | 1.5 Hz   |
| ATEX identification                       | II 2 G c T4                                      |
| ATEX ambient temperature                  | 0°C ≤ Ta ≤ +60°C                                 |
| Operating medium                          | Filtered compressed air                          |
| CE symbol (see declaration of conformity) | according to EU-Ex protection guideline (ATEX)   |
| Ambient temperature                       | -10 ... 60 °C                                    |
| Torque at 6 bar                           | 1.25 Nm  |
| Product weight                            | 300 g  |
| Mounting type                             | with internal (female) thread                    |
| Pneumatic connection                      | M5   |
| Materials note                            | Free of copper and PTFE                          |
| Materials information for drive shaft     | Steel<br>Nickel plated                           |
| Materials information for seals           | TPE-U(PU)  |
| Materials information, housing            | Wrought Aluminum alloy                           |