

# Semi-rotary drive DRQ-32-90-PPVJ-A

Part number: 35212  
Product to be discontinued

FESTO

For proximity sensing, with adjustable end-position cushioning and backlash-compensating gearing.

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

| Feature                                     | Value  |
|---|--|
| Size  | 32   |
| Cushioning angle                            | 77.3 deg   |
| Setting range of swivel angle on both sides | -5 /+ 5 deg  |
| Swivel angle                                | 90 deg   |
| Cushioning                                  | PPVJ: Pneumatic cushioning, adjustable                   |
| Assembly position                           | Any  |
| Design structure                            | Rack and pinion  |
| Position detection                          | For proximity sensor                                     |
| Operating pressure                          | 2.5 ... 10 bar   |
| Max. swivel frequency at 6 bar              | 2.8 Hz   |
| Mode of operation                           | double-acting  |
| Operating medium                            | Compressed air in accordance with ISO8573-1:2010 [7:-:-] |
| Ambient temperature                         | -10 ... 60 °C  |
| Theoretical torque at 6 bar                 | 5 Nm   |
| Permissible mass moment of inertia          | 0.002 kgm <sup>2</sup>                                   |
| Product weight                              | 2,270 g  |
| Mounting type                               | with internal (female) thread                            |
| Pneumatic connection                        | G1/8   |
| Materials information for drive shaft       | Case-hardened steel                                      |
| Materials information for seals             | TPE-U(PU)<br>NBR   |