

# Round cylinder CRDSNU-B-32-10-PPS-A-MG-A1

Part number: 2176399

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 10 mm  |
| Piston diameter                          | 32 mm  |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                   |
| Mounting position                        | Any  |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                         | For proximity sensor   |
| Operating pressure                       | 0.1 MPa...1 MPa<br>1 bar...10 bar                                  |
| Mode of operation                        | Double-acting  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 4 - Particularly high corrosion stress                             |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| For use in the food industry             | See supplementary material information                             |
| Ambient temperature                      | 0 °C...80 °C   |
| Theoretical force at 6 bar, retracting   | 415 N  |
| Theoretical force at 6 bar, advancing    | 483 N  |
| Moving mass at 0 mm stroke               | 118 g  |
| Additional moving mass per 10 mm stroke  | 8.9 g  |
| Basic weight with 0 mm stroke            | 670 g  |
| Additional weight per 10 mm stroke       | 15.3 g   |
| Type of mounting                         | With accessories   |
| Pneumatic connection                     | G1/8   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | High-alloy stainless steel   |
| Piston rod material                      | High-alloy stainless steel   |
| Material of cylinder barrel              | High-alloy stainless steel   |