

# 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  | optional   |
| Design   | Piston<br>Piston rod<br>Cylinder barrel  |
| Position detection   | Via proximity switch   |
| Operating pressure   | 0.1 MPa...1 MPa<br>1 bar...10 bar  |
| Mode of operation  | Double-acting  |
| Operating medium   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                           | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                               | 4 - Very high corrosion stress   |
| LABS (PWIS) conformity                                       | VDMA24364-B2-L   |
| Suitable for use with food                                   | See supplementary material information   |
| Ambient temperature  | 0 °C...80 °C   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), return stroke  | 415 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 483 N  |
| Moving mass for 0 mm stroke                                  | 118 g  |
| Additional moving mass per 10 mm stroke                      | 8.9 g  |
| Basic weight for 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   |
| Material cover   | High-alloy stainless steel   |
| Material piston rod  | High-alloy stainless steel   |
| Material cylinder barrel                                     | High-alloy stainless steel   |