

# ISO cylinder CRDSNU-B-20-50-PPS-A-MG-A1

Part number: 8073977

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 50 mm  |
| Piston diameter                          | 20 mm  |
| Based on norm                            | ISO 6432   |
| Cushioning                               | Self-adjusting pneumatic end-position cushioning                   |
| Mounting position                        | Any  |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                         | Via proximity switch   |
| Symbol                                   | 00992970   |
| Operating pressure                       | 0.1 MPa ... 1 MPa  |
| Operating pressure                       | 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   | 158 N  |
| Theoretical force at 6 bar, advancing    | 188 N  |
| Moving mass at 0 mm stroke               | 42.1 g   |
| Additional moving mass per 10 mm stroke  | 3.9 g  |
| Basic weight with 0 mm stroke            | 310 g  |
| Additional weight per 10 mm stroke       | 7.2 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   |