

# ISO cylinder CRDSNU-B-20-10-PPS-A-MG-A1

Part number: 8073980

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value  |
|--|--|
| Stroke   | 10 mm  |
| Piston diameter  | 20 mm  |
| Based on standard  | ISO 6432   |
| Cushioning   | Self-adjusting pneumatic end-position cushioning   |
| Mounting position  | optional   |
| Design   | Piston<br>Piston rod<br>Cylinder barrel  |
| Position detection   | 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 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  | 158 N  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke | 188 N  |
| Moving mass for 0 mm stroke                                  | 42.1 g   |
| Additional moving mass per 10 mm stroke                      | 3.9 g  |
| Basic weight for 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   |
| Material cover   | High-alloy stainless steel   |
| Material piston rod  | High-alloy stainless steel   |
| Material cylinder barrel                                     | High-alloy stainless steel   |