

# Round cylinder DSNU-S-25-20-P-A-MX

Part number: 5228229

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Stroke                                   | 20 mm  |
| Piston diameter                          | 25 mm  |
| Piston rod thread                        | M10x1.25   |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                         | For proximity sensor   |
| Operating pressure                       | 0.06 MPa...1 MPa<br>0.6 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)         | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| Cleanroom class                          | Class 6 according to ISO 14644-1                                   |
| Ambient temperature                      | -20 °C...80 °C   |
| Theoretical force at 6 bar, retracting   | 247.4 N  |
| Theoretical force at 6 bar, advancing    | 294.5 N  |
| Moving mass at 0 mm stroke               | 63.6 g   |
| Additional moving mass per 10 mm stroke  | 6 g  |
| Basic weight with 0 mm stroke            | 180.2 g  |
| Additional weight per 10 mm stroke       | 11 g   |
| Type of mounting                         | With accessories   |
| Pneumatic connection                     | G1/8   |
| Note on materials                        | RoHS-compliant   |
| Cover material                           | Wrought aluminum alloy, anodized                                   |
| Seals material                           | TPE-U(PU)  |
| Piston rod material                      | High-alloy stainless steel   |
| Material of cylinder barrel              | High-alloy stainless steel   |