

# ISO cylinder ESNU-10- -P-A

Part number: 14118

**FESTO**



## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Stroke                                   | 1 mm...50 mm                                                       |
| Piston diameter                          | 10 mm                                                              |
| Piston rod thread                        | M4                                                                 |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any                                                                |
| Conforms to standard                     | CETOP RP 52 P<br>ISO 6432                                          |
| Piston rod end                           | External thread                                                    |
| Structural design                        | Piston<br>Piston rod<br>Cylinder barrel                            |
| Position sensing                         | Via proximity switch                                               |
| Variants                                 | Piston rod at one end                                              |
| Operating pressure                       | 0.15 MPa...1 MPa<br>1.5 bar...10 bar                               |
| Mode of operation                        | Pushing<br>Single-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-B1/B2-L                                                  |
| Ambient temperature                      | -20 °C...80 °C                                                     |
| Impact energy in the end positions       | 0.05 J                                                             |
| Theoretical force at 6 bar, advancing    | 41.6 N                                                             |
| Moving mass at 0 mm stroke               | 8.5 g                                                              |
| Additional moving mass per 10 mm stroke  | 1 g                                                                |
| Basic weight with 0 mm stroke            | 37.3 g                                                             |
| Additional weight per 10 mm stroke       | 2.7 g                                                              |
| Type of mounting                         | With accessories                                                   |
| Pneumatic connection                     | M5                                                                 |
| Note on materials                        | RoHS compliant                                                     |
| Cover material                           | Wrought aluminum alloy<br>Colorless anodized                       |

| Feature                     | Value                      |
|-----------------------------|----------------------------|
| Seals material              | NBR<br>TPE-U(PU)           |
| Piston rod material         | high-alloy stainless steel |
| Material of cylinder barrel | high-alloy stainless steel |