

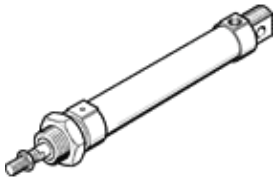
# standards-based cylinder

## ESNU-25-10-P-A

Part number: 19269

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With elastic cushioning rings in the end positions.



### Data sheet

| Feature   | Value   |
|---|---|
| Stroke  | 10 mm   |
| Piston diameter                                       | 25 mm   |
| Piston rod thread                                     | M10x1,25  |
| Cushioning  | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                                     | Any   |
| Conforms to standard                                  | CETOP RP 52 P<br>ISO 6432   |
| Piston-rod end  | Male thread   |
| Design structure                                      | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                                    | For proximity sensor  |
| Variants  | Single-ended piston rod   |
| Operating pressure MPa                                | 0.12 ... 1 MPa  |
| Operating pressure                                    | 1.2 ... 10 bar  |
| Mode of operation                                     | single-acting<br>pushing action   |
| Operating medium                                      | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium                    | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC               | 2 - Moderate corrosion stress   |
| PWIS conformity                                       | VDMA24364-B1/B2-L   |
| Ambient temperature                                   | -20 ... 80 °C   |
| Impact energy in end positions                        | 0.3 J   |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance | 271 N   |
| Moving mass with 0 mm stroke                          | 71 g  |
| Additional mass factor per 10 mm of stroke            | 6 g   |
| Basic weight for 0 mm stroke                          | 238 g   |
| Additional weight per 10 mm stroke                    | 11 g  |
| Mounting type   | with accessories  |
| Pneumatic connection                                  | G1/8  |
| Materials note  | Conforms to RoHS  |
| Material cover  | Wrought Aluminium alloy<br>neutral anodisation                              |
| Material seals  | NBR<br>TPE-U(PU)  |
| Material piston rod                                   | High alloy steel, non-corrosive   |
| Material cylinder barrel                              | High alloy steel, non-corrosive   |