

round cylinder ESNU-40-50-P-A

Part number: 196381

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 | 50 mm |
| Piston diameter | 40 mm |
| Piston rod thread | M12x1,25 |
| Cushioning | P: Flexible cushioning rings/plates at both ends |
| Assembly position | Any |
| Design structure | Piston Piston rod Cylinder barrel |
| Position detection | For proximity sensor |
| Operating pressure | 1.2 ... 10 bar |
| Mode of operation | single-acting 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 |
| Ambient temperature | -20 ... 80 °C |
| Spring return force, retracted | 30 N |
| Theoretical force at 6 bar, return stroke | 30 N |
| Theoretical force at 6 bar, advance stroke | 687.6 N |
| Moving mass | 310 g |
| Moving mass with 0 mm stroke | 230 g |
| Additional weight per 10 mm stroke | 24 g |
| Basic weight for 0 mm stroke | 661 g |
| Product weight | 781 g |
| Additional mass factor per 10 mm of stroke | 16 g |
| Mounting type | with accessories |
| Pneumatic connection | G1/4 |
| Materials note | Conforms to RoHS |
| Material cover | Wrought Aluminium alloy |
| Material seals | NBR TPE-U(PU) |
| Material piston rod | High alloy steel |
| Material cylinder barrel | High alloy steel, non-corrosive |