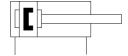
## ISO cylinder DSNU-10-100-P-A Part number: 19188

**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   | values  |
|---|---|
| Stroke  | 100 mm  |
| Piston diameter   | 10 mm   |
| Piston rod thread   | M4  |
| Cushioning  | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position   | Any   |
| Conforms to standard  | CETOP RP 52 P   |
|   | ISO 6432  |
| Piston-rod end  | Male thread   |
| Design structure  | Piston  |
|   | Piston rod  |
|   | Cylinder barrel   |
| Position detection  | For proximity sensor  |
| Variants  | Single-ended piston rod   |
| Operating pressure  | 1.5 10 bar  |
| Mode of operation   | double-acting   |
| Operating medium  | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium  Corrosion resistance classification CRC | Lubricated operation possible (subsequently required for further operation) |
|   | 1 /   |
|   | 2 - Moderate corrosion stress   |
| Ambient temperature   | -20 80 °C   |
| Authorisation   | Germanischer Lloyd  |
| Impact energy in end positions  | 0.05 J  |
| Theoretical force at 6 bar, return stroke                                   | 39.6 N  |
| Theoretical force at 6 bar, advance stroke                                  | 47.1 N  |
| Moving mass with 0 mm stroke  | 8.5 g   |
| Additional weight per 10 mm stroke  | 2.7 g   |
| Basic weight for 0 mm stroke  | 37.3 g  |
| Additional mass factor per 10 mm of stroke                                  | 1 g   |
| Mounting type   | with accessories  |
| Pneumatic connection  | M5  |
| Materials note  | Conforms to RoHS  |
| Materials information for cover   | Wrought Aluminium alloy neutral anodisation                                 |
| Materials information for seals   | NBR   |
|   | TPE-U(PU)   |
| Materials information for piston rod  | High alloy steel, non-corrosive   |
| Materials information for cylinder barrel                                   | High alloy steel, non-corrosive   |