

# Round cylinder DSNU-5/8"- -PPV-A-B

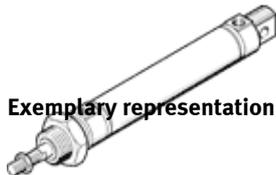
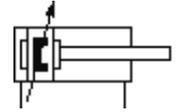
Part number: 164390

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With adjustable end-position cushioning.

A minimum stroke of 10 mm is required for position sensing with proximity sensors.

This product is only available if ordered from the Festo Corporation, USA.



Exemplary representation

## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 0.04 ... 8 "                                      |
| Piston diameter                            | 5/8"  |
| Based on the standard                      | ISO 6432  |
| Cushioning                                 | PPV: Pneumatic cushioning adjustable at both ends |
| Assembly position                          | Any   |
| Piston-rod end                             | Male thread                                       |
| Design structure                           | Piston<br>Piston rod                              |
| Position detection                         | For proximity sensor                              |
| Variants                                   | Single-ended piston rod                           |
| Operating pressure                         | 0.04 ... 8 "                                      |
| Mode of operation                          | double-acting                                     |
| Operating medium                           | Dried compressed air, lubricated or unlubricated  |
| Corrosion resistance classification CRC    | 2   |
| Ambient temperature                        | -4 ... 176 °F                                     |
| Impact energy in end positions             | -4  |
| Cushioning length                          | 0.55 "  |
| Theoretical force at 6 bar, return stroke  | 0.55  |
| Theoretical force at 6 bar, advance stroke | 0.55  |
| Moving mass with 0 mm stroke               | 0.811 oz  |
| Additional weight per 10 mm stroke         | 0.162 oz  |
| Basic weight for 0 mm stroke               | 3.171 oz  |
| Additional mass factor per 10 mm of stroke | 0.071 oz  |
| Mounting type                              | with accessories                                  |
| Pneumatic connection                       | UNF10-32  |
| Materials information for cover            | Wrought Aluminium alloy                           |
| Materials information for seals            | NBR<br>TPE-U(PU)                                  |
| Materials information for piston rod       | High alloy steel, non-corrosive                   |
| Materials information for cylinder barrel  | High alloy steel, non-corrosive                   |