

# Round cylinder DSEU-8-10-P-A

Part number: 188772

FESTO

End cap with threaded pins and swivel bearing.  
Products to be discontinued. Available until 2011.



## Data sheet

| Feature                                    | Value                                            |
|--------------------------------------------|--------------------------------------------------|
| Stroke                                     | 10 mm                                            |
| Piston diameter                            | 8 mm                                             |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends |
| Assembly position                          | Any                                              |
| Design structure                           | Piston<br>Piston rod<br>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                           | Dried compressed air, lubricated or unlubricated |
| Corrosion resistance classification CRC    | 1                                                |
| Ambient temperature                        | 0 ... 80 °C                                      |
| Theoretical force at 6 bar, return stroke  | 23 N                                             |
| Theoretical force at 6 bar, advance stroke | 30 N                                             |
| Moving mass with 0 mm stroke               | 4.3 g                                            |
| Additional weight per 10 mm stroke         | 2.3 g                                            |
| Basic weight for 0 mm stroke               | 14.4 g                                           |
| Mounting type                              | with accessories                                 |
| Pneumatic connection                       | M3                                               |
| Materials note                             | Contains PWIS substances                         |
| Materials information for cover            | Wrought Aluminium alloy                          |
| Materials information for seals            | NBR<br>TPE-U(PU)                                 |
| Materials information, housing             | High alloy steel, non-corrosive                  |
| Materials information for piston rod       | High alloy steel, non-corrosive                  |