

# compact cylinder DPCS-32-10-F-PA

Part number: 1627649  
Product to be discontinued

FESTO

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



## Data sheet

| Feature                                    | Value   |
|--|---|
| Stroke                                     | 10 mm   |
| Piston diameter                            | 32 mm   |
| Cushioning                                 | P: Flexible cushioning rings/plates at both ends                            |
| Assembly position                          | Any   |
| Mode of operation                          | double-acting   |
| Piston-rod end                             | Female thread   |
| Design structure                           | Piston<br>Piston rod<br>Cylinder barrel                                     |
| Position detection                         | For proximity sensor  |
| Operating pressure                         | 0.6 ... 10 bar  |
| 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   |
| Impact energy in end positions             | 0.26 J  |
| Theoretical force at 6 bar, return stroke  | 363 N   |
| Theoretical force at 6 bar, advance stroke | 483 N   |
| Moving mass                                | 117 g   |
| Product weight                             | 251 g   |
| Mounting type                              | Optional<br>with through hole<br>with thread                                |
| Pneumatic connection                       | G1/8  |
| Materials note                             | Conforms to RoHS  |
| Materials information for cover            | Wrought Aluminium alloy   |
| Materials information for dynamic seals    | TPE-U(PU)   |
| Materials information for piston rod       | High alloy steel, non-corrosive   |
| Materials information for cylinder barrel  | Wrought Aluminium alloy   |