

# Compact cylinder DPCS-50-10-SF-PA

Part number: 1416567  
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	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	single-acting
Piston-rod end	Female thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Working pressure	1 ... 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	0.6 J
Theoretical force at 6 bar, return stroke	84 N
Theoretical force at 6 bar, advance stroke	1,095 N
Moving mass	174 g
Product weight	506 g
Mounting type	Optional with through hole with thread
Pneumatic connection	G1/4
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy