

# Standard cylinder DSNU-16- -PPV-A-CT

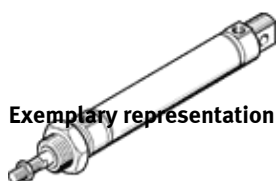
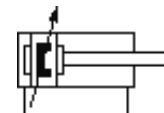
Part number: 170127

FESTO

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

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

Run-out type. Available until 2010.



Exemplary representation

## Data sheet

Feature	Value
Stroke	10 ... 200 mm
Piston diameter	16 mm
Piston rod thread	M6
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	CT: Free of copper and PTFE
Working pressure	1 ... 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-20 ... 80 °C
Authorization	Germanischer Lloyd
Impact energy in end positions	4.6 J
Cushioning length	14 mm
Theoretical force at 6 bar, return stroke	103.7 N
Theoretical force at 6 bar, advance stroke	120.6 N
Moving mass with 0 mm stroke	23 g
Additional weight per 10 mm stroke	4.6 g
Basic weight for 0 mm stroke	89.9 g
Additional mass factor per 10 mm of stroke	2 g
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for cover	Wrought Aluminum alloy neutral anodization
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