

Standard cylinder DNU-50-100-PPV-A

Part number: 14147

FESTO

As per ISO 15552, with profile cylinder barrel, for proximity sensing,
with adjustable cushioning at both ends.

Discontinued, available through 2008



Data sheet

Feature	Value
Stroke	100 mm
Piston diameter	50 mm
Piston rod thread	M16x1,5
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Conforms to standard	ISO 6431
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.5 ... 12 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-20 ... 80 °C
Authorisation	Germanischer Lloyd
Cushioning length	23 mm
Theoretical force at 6 bar, return stroke	924 N
Theoretical force at 6 bar, advance stroke	1,131 N
Additional weight per 10 mm stroke	48 g
Basic weight for 0 mm stroke	1,146 g
Mounting type	with accessories
Pneumatic connection	G1/4
Materials information for cover	Aluminium
Materials information for seals	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminium alloy Anodised