

# Standard cylinder DNU-100-50-PPV-A

Part number: 14178

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	50 mm
Piston diameter	100 mm
Piston rod thread	M20x1,5
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	0.2 ... 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	30 mm
Theoretical force at 6 bar, return stroke	4,221 N
Theoretical force at 6 bar, advance stroke	4,496 N
Additional weight per 10 mm stroke	90 g
Basic weight for 0 mm stroke	3,864 g
Mounting type	with accessories
Pneumatic connection	G1/2
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