

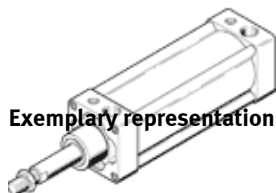
# Standard cylinder DNU-100- -PPV-A-S8

Part number: 158855

FESTO

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

Discontinued, available through 2008



Exemplary representation



## Data sheet

Feature	Value
Stroke	1 ... 2,000 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	S8: all external cylinder surfaces conform to corrosion resistance class KBK3 (heavy duty corrosion protection) This variant includes variant S3. End surfaces and the bearing collar are not protected. Any further protective measures which are required should be specified when ordering.
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
Authorization	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	Aluminum
Materials information for seals	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy Anodized