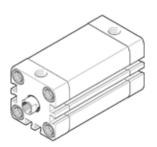
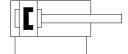
## compact cylinder ADNP-32-50-I-P-A Part number: 571995

Product to be discontinued

**FESTO** 

To ISO 21287, for position sensing, with female thread on the piston rod. Type to be discontinued. Available until 2017. See Support Portal for alternative products.





## **Data sheet**

Feature	Value
Stroke	50 mm
Piston diameter	32 mm
Piston rod thread	M8
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Piston-rod end	Female thread
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure	0.6 10 bar
Mode of operation	double-acting
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	-10 60 °C
Impact energy in end positions	0.32 J
Theoretical force at 6 bar, return stroke	415 N
Theoretical force at 6 bar, advance stroke	483 N
Moving mass with 0 mm stroke	45 g
Additional weight per 10 mm stroke	24 g
Basic weight for 0 mm stroke	204 g
Additional mass factor per 10 mm of stroke	3 g
Mounting type	Optional
	with through hole
	with internal (female) thread
	with accessories
Pneumatic connection	G1/8
Materials information for cover	PA-reinforced
Materials information for seals	TPE-U(PU)
Materials information for piston rod	Wrought Aluminium alloy
	Anodised
Materials information for cylinder barrel	Wrought Aluminium alloy
	Smooth anodised