

# Compact cylinder

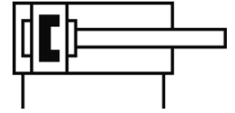
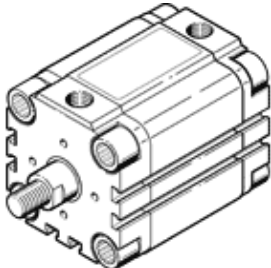
## ADVU-1 1/4"-2 1/2"-A-P-A

Part number: 546300

FESTO

For proximity sensing. Piston-rod end with male thread  
Nut for piston rod thread is included.

This product is only available if ordered from the Festo Corporation, USA.  
Type to be discontinued. Available until 2011.



### Data sheet

Feature	Value
Stroke	2.5 "
Piston diameter	1 1/4"
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Male thread
Working pressure	11.6 ... 145 Psi
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	-4 ... 176 °F
Impact energy in end positions	0.295 J
Theoretical force at 6 bar, return stroke	93 lbf
Theoretical force at 6 bar, advance stroke	109 lbf
Moving mass with 0 mm stroke	1.728 oz
Additional weight per 10 mm stroke	1.411 oz
Basic weight for 0 mm stroke	10.582 oz
Additional mass factor per 10 mm of stroke	0.317 oz
Pneumatic connection	NPT1/8-27
Working pressure [psi]	11.6 ... 145 psi
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	TPE-U(PU) NBR
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	Wrought Aluminum alloy