

Compact cylinder ADVULQ-1"- -P-A

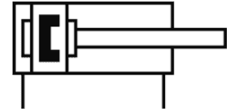
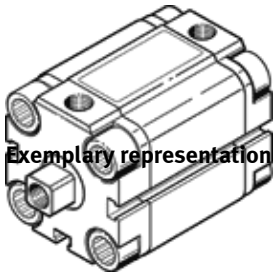
Part number: 160583

FESTO

For proximity sensing. Secured against rotation by means of square piston rod. Piston-rod end with female thread.

This product is only available if ordered from the Festo Corporation, USA.

Type to be discontinued. Available until 2011.



Data sheet

Feature	Value
Stroke	0.04 ... 8 "
Piston diameter	1 "
Cushioning	P: Flexible cushioning rings/plates at both ends
Mode of operation	double-acting
Piston-rod end	Female thread
Protection against torque/guide	Square piston rod
Working pressure	14.5 ... 145 Psi
Operating medium	Filtered compressed air
Corrosion resistance classification CRC	2
Ambient temperature	-4 ... 176 °F
Theoretical force at 6 bar, return stroke	247 N
Theoretical force at 6 bar, advance stroke	295 N
Moving mass with 0 mm stroke	26 g
Additional weight per 10 mm stroke	6 g
Basic weight for 0 mm stroke	180 g
Pneumatic connection	UNF10-32
Working pressure [psi]	14.5 ... 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