

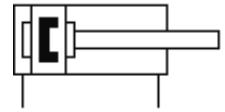
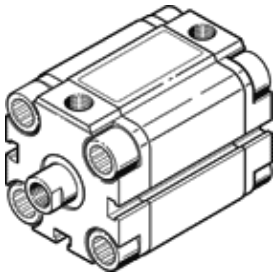
Compact cylinder

ADVU-12-10-P-A-CT

Part number: 183354

FESTO

For proximity sensing, piston-rod end with female thread.



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	12 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Female thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Working pressure	1.2 ... 10 bar
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-5 ... 60 °C
Impact energy in end positions	0.07 J
Theoretical force at 6 bar, return stroke	51 N
Theoretical force at 6 bar, advance stroke	68 N
Moving mass with 0 mm stroke	8 g
Additional weight per 10 mm stroke	15 g
Basic weight for 0 mm stroke	87 g
Additional mass factor per 10 mm of stroke	2 g
Mounting type	with accessories Optional with through hole
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for collar screws	High alloy steel, non-corrosive
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