

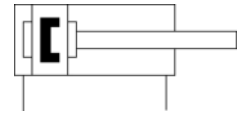
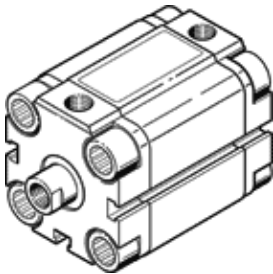
# Compact cylinder

## ADVU-25-10-P-A

Part number: 156523

FESTO

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



### Data sheet

Feature	values
Stroke	10 mm
Piston diameter	25 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 ... 10 bar
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
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.1 J
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	28 g
Basic weight for 0 mm stroke	180 g
Additional mass factor per 10 mm of stroke	6 g
Mounting type	Optional with through hole with accessories
Pneumatic connection	M5
Materials information for collar screws	steel, galvanized
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