Compact cylinder
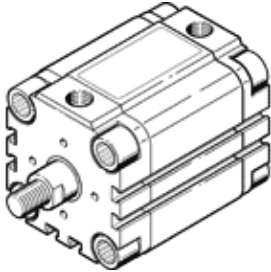## ADVU-32-25-A-P-A

Part number: 156620
Classic - do not use for new projects

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

Modern alternatives can be found by entering the first four characters
of the type code in the search field.

FESTO

Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	32 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure MPa	0.08 … 1 MPa
Working pressure	0.8 … 10 bar
Operating pressure	11.6 … 145 psi
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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 … 80 °C
Impact energy in end positions	0.4 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	415 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	483 N
Moving mass with 0 mm stroke	49 g
Additional mass factor per 10 mm of stroke	9 g
Basic weight for 0 mm stroke	300 g
Additional weight per 10 mm stroke	40 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	G1/8
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Material piston rod	High alloy steel, non-corrosive
Material cylinder barrel	Wrought Aluminum alloy