

# Compact cylinder AEVUZ-12-10-P-A

Part number: 157 207

FESTO



## Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	12 mm
Piston rod thread	M3
Cushioning	Elastic cushioning rings/plates at both ends
Mounting position	optional
Mode of operation	Single-acting Pulling
Piston-rod end	Female thread
Design	Piston Piston rod
Position detection	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar 21.75 psi...145 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C...80 °C
Impact energy in end positions	0.07 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance stroke	42 N
Moving mass for 0 mm stroke	8 g
Additional moving mass per 10 mm stroke	2 g
Basic weight for 0 mm stroke	87 g
Additional weight per 10 mm stroke	15 g
Type of mounting	Either: With through-hole With accessories
Pneumatic connection	M5
Material collar screws	High-alloy stainless steel
Material cover	Wrought aluminium alloy

<b>Feature</b>	<b>Value</b>
Material dynamic seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel
Material cylinder barrel	Wrought aluminium alloy