Compact cylinder
AEVUZ-12-10-P-A

Part number: 157207





General operating condition

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
Symbol	00991204
Variants	Piston rod at one end
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Operating pressure	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
Material dynamic seals	NBR TPE-U(PU)
Material piston rod	High-alloy stainless steel

Feature	Value
Material cylinder barrel	Wrought aluminium alloy