

compact cylinder

AEVULQZ-50-10-P-A

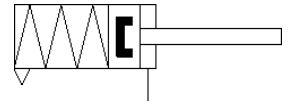
Part number: 157144
Classic

FESTO

For proximity sensing. Secured against rotation by means of square piston rod.

Type to be discontinued. Available until 2019. See Support Portal for alternative products.

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



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	single-acting pulling action
Piston-rod end	Female thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Protection against torque/guide	Square piston rod
Operating pressure	0.8 ... 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 - Moderate corrosion stress
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.64 J
Theoretical force at 6 bar, advance stroke	999 N
Moving mass with 0 mm stroke	112 g
Additional weight per 10 mm stroke	72 g
Basic weight for 0 mm stroke	560 g
Additional mass factor per 10 mm of stroke	16 g
Mounting type	Optional with through hole with accessories
Pneumatic connection	G1/8
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminium alloy
Material of dynamic seals	NBR TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminium alloy