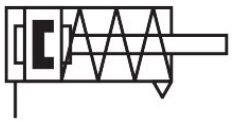
Compact cylinder
AEN-S-12-5-I-P-A

Part number: 8076475





Data sheet

Feature	Value
Stroke	5 mm
Piston diameter	12 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Pushing
Piston rod end	Internal thread
Structural design	Piston Piston rod
Position sensing	Via proximity switch
Variants	Piston rod at one end
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature	0 °C...80 °C
Impact energy in the end positions	0.022 J
Theoretical force at 6 bar, retracting	6 N
Theoretical force at 6 bar, advancing	60 N
Moving mass at 0 mm stroke	6 g
Additional moving mass per 10 mm stroke	2 g
Basic weight with 0 mm stroke	33 g
Additional weight per 10 mm stroke	15 g
Type of mounting	Alternatively: With through-hole With internal thread With accessories
Pneumatic connection	M5
Note on materials	RoHS compliant
Cover material	Wrought aluminum alloy, anodized
Material of dynamic seals	NBR TPE-U(PU)

Feature	Value
Housing material	Wrought aluminum alloy, anodized
Piston rod material	high-alloy stainless steel