

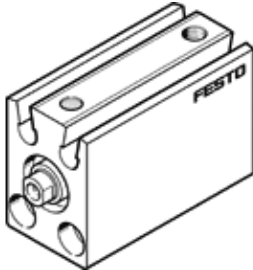
short-stroke cylinder

AEVC-12-10-I-P-A

Part number: 188081
Product to be discontinued

FESTO

For proximity sensing, piston-rod end with female thread.
Type to be discontinued. Available until 2026. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	12 mm
Spring return force, retracted	4 N
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	single-acting pushing action
Design structure	Piston Piston rod
Position detection	For proximity sensor
Operating pressure MPa	0.15 ... 1 MPa
Operating pressure	1.5 ... 10 bar 21.75 ... 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	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	59 N
Moving mass	9.5 g
Product weight	62 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy Anodised
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy Anodised
Material piston rod	High alloy steel