

# Short-Stroke Cylinder AEVC-16-5-I-P-A - Festo 188096

<b>Item no.</b>	FES-188096	<b>Manufacturer</b>	Festo
<b>Manufacturer no.</b>	AEVC-16-5-I-P-A	<b>EAN</b>	4052568076849

Festo pneumatic cylinder for precise linear motion and defined force in automation.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Betriebsdruck max [bar]	<b>10.000000</b>
Bohrung (mm)	<b>16.000000</b>
Condition of article	<b>New</b>
HS-Code	<b>84123100</b>
Hub [mm]	<b>5.000000</b>
Pneumatischer Anschluss	<b>M5</b>
Weight	<b>0.095 kg</b>
Werkstoff	<b>Aluminium</b>



## STANDARDS & COMPLIANCE

**ISO 8573-1:2010**

## DESCRIPTION

Festo pneumatic cylinder for precise linear motion and defined force in automation. The key technical data of this genuine Festo article are listed below.

Stroke [mm]	5,0
Piston diameter	16 mm
Spring return force for retracted piston rod [N]	5
Dampening	P: Elastic silencer rings / plates double-sided
installation position	arbitrary
Principle of operation	Pressing single action

Construction set up	Piston piston rod
Position detection	For proximity switch
Operating pressure [bar]	1.5 to 10
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	-20 to 80
Theoretical force at 6 bar, flow [N]	112,0
Moving mass [g]	15,00
Product weight [g]	95,0
Fastening type	With throughway bores With Accessories Selectively:
Pneumatic connection	M5
Material information	Copper and PTFE-free
Cover material	Aluminium wrought alloy anodized
Seals material	TPE-U(PU)
Housing material	Aluminium wrought alloy anodized
Piston rod material	High-alloyed steel