

# short-stroke cylinder

## ADVC-100-20-A-P-A

Part number: 188342  
Product to be discontinued

FESTO

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



### Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	100 mm
Based on the standard	ISO 6431 Hole pattern VDMA 24562
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston Piston rod
Position detection	For proximity sensor
Operating pressure MPa	0.1 ... 1 MPa
Operating pressure	1 ... 10 bar 14.5 ... 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), retracting	4,418 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	4,712 N
Moving mass	575 g
Moving mass with 0 mm stroke	515 g
Additional mass factor per 10 mm of stroke	40 g
Product weight	2,290 g
Basic weight for 0 mm stroke	2,145 g
Additional weight per 10 mm stroke	110 g
Mounting type	with through hole with accessories Optional
Pneumatic connection	G1/4
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