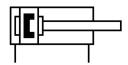
Compact air cylinder ADN-100-30-A-PPS-A Part number: 577203







General operating condition

Data sheet			

Feature	Value		
Stroke	30 mm		
Piston diameter	100 mm		
Piston rod thread	M16x1.5		
Cushioning	Self-adjusting pneumatic end-position cushioning		
Mounting position	Any		
Conforms to standard	ISO 21287		
Piston rod end	External thread		
Position sensing	For proximity sensor		
Symbol	00991217		
Variants	Piston rod at one end		
Operating pressure	0.1 MPa 1 MPa		
Operating pressure	1 bar 10 bar		
Mode of operation	Double-acting Double-acting		
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)	2 - Moderate corrosion stress		
LABS (PWIS) conformity	VDMA24364-B1/B2-L		
Ambient temperature	-20 °C 80 °C		
Impact energy in the end positions	2.5 J		
Cushioning length	10 mm		
Theoretical force at 6 bar, retracting	4524 N		
Theoretical force at 6 bar, advancing	4712 N		
Moving mass	693 g		
Product weight	2060 g		
Type of mounting	Optionally: With through-hole With internal thread With accessories		
Pneumatic connection	G1/8		
Note on materials	RoHS-compliant		
Flange screws material	Steel		
Cover material	Die-cast aluminum, coated		
Seals material	TPE-U(PUR)		
Piston rod material	High-alloy steel		
Material of cylinder barrel	Wrought aluminum alloy, smooth-anodized		