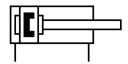
Compact air cylinder ADN-S-50-15-A-P-A Part number: 8092085







General operating condition

	<u>General</u>	operating condition
Data sheet		

Feature	Value	
Stroke	15 mm	
Piston diameter	50 mm	
Cushioning	Elastic cushioning rings/pads at both ends	
Mounting position	Any	
Mode of operation	Double-acting	
Piston rod end	External thread	
Structural design	Piston Piston rod	
Position sensing	For proximity sensor	
Symbol	00991217	
Variants	Piston rod at one end	
Operating pressure	0.04 MPa 1 MPa	
Operating pressure	0.4 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 60 °C	
Impact energy in the end positions	1 J	
Theoretical force at 6 bar, retracting	1057 N	
Theoretical force at 6 bar, advancing	1178 N	
Moving mass at 0 mm stroke	104 g	
Additional moving mass per 10 mm stroke	16 g	
Basic weight with 0 mm stroke	324 g	
Additional weight per 10 mm stroke	63 g	
Type of mounting	Optionally: With through-hole With internal thread With accessories	
Pneumatic connection	G1/8	
Note on materials	RoHS-compliant	
Cover material	Wrought aluminum alloy, anodized	
Material of dynamic seals	TPE-U(PU)	
Housing material	Wrought aluminum alloy, anodized	
Piston rod material	High-alloy stainless steel	