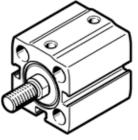
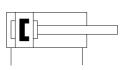
## compact cylinder ADN-S-12-15-A-P-A Part number: 8091422



## **Data sheet**

Feature	Value
Stroke	15 mm
Piston diameter	12 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston
	Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure MPa	0.1 1 MPa
Operating pressure	1 10 bar
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-B2-L
Ambient temperature	0 60 °C
Impact energy in end positions	0.07]
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	51 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	68 N
Moving mass with 0 mm stroke	
Additional mass factor per 10 mm of stroke	6 g
Basic weight for 0 mm stroke	2 g
Additional weight per 10 mm stroke	33 g
Mounting type	15 g with through hole
	with internal (female) thread
	with accessories
	Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Anodised wrought aluminium alloy
Material of dynamic seals	NBR
	TPE-U(PU)
Material housing	Anodised wrought aluminium alloy
Material piston rod	High alloy steel, non-corrosive



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