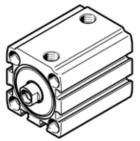
compact cylinder ADN-40-70-I-PPS-A-C Part number: 8075977

Type to be discontinued. Available until 2022. See Support Portal for alternative products.



Data sheet

Feature	Value
Stroke	70 mm
Piston diameter	40 mm
Piston rod thread	M10x1,25
Cushioning	PPS: Self-adjusting pneumatic end-position cushioning
Assembly position	Any
Conforms to standard	ISO 21287
Piston-rod end	Female 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
Mode of operation	double-acting
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	-20 80 °C
Impact energy in end positions	1.7]
Cushioning length	5 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	686 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	754 N
Moving mass with 0 mm stroke	64.5 g
Additional weight per 10 mm stroke	4.5 g
Basic weight for 0 mm stroke	321.5 g
Additional mass factor per 10 mm of stroke	
	9 g
Mounting type	with through hole with internal (female) thread
	with accessories
Pneumatic connection	Optional G1/8
	Conforms to RoHS
Materials note Material cover	Wrought Aluminium alloy
Material cover Material seals	TPE-U(PUR)
Material seals Material piston rod	High alloy steel
Material piston rod Material cylinder barrel	Wrought Aluminium alloy
	Smooth anodised
	Siliootii anodised

