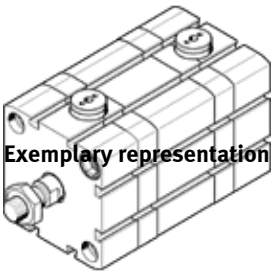
Compact cylinder
ADN-63- -EL-

Part number: 548219

In accordance with ISO 21287, for position sensing, with male or female thread on the piston rod, with integrated end position locking



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Stroke	10 ... 400 mm
Piston diameter	63 mm
Piston rod thread	M12x1,25
Based on the standard	ISO 21287
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Piston-rod end	Female thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Variants	End position locking Both end positions With end position locking at rear With end position locking at front Extended male piston rod thread Piston rod with special thread Extended piston rod laser etched rating plate
Operating pressure MPa	0.15 ... 1 MPa
Working pressure	1.5 ... 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	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	1.3 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	1,750 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	1,870 N
Additional mass factor per 10 mm of stroke	16 g
Mounting type	with internal (female) thread with accessories
Pneumatic connection	G1/8
Materials note	Conforms to RoHS
Material cover	Wrought Aluminum alloy Anodized
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminum alloy Smooth anodized