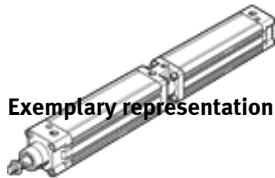


tandem cylinder DNCT-100- -PPV-A

Part number: 191111

FESTO

As per ISO 15552, with profile cylinder barrel, for proximity sensing,
with adjustable cushioning at both end positions.
Position sensing is only possible in the piston rod-side cylinder barrel.



Data sheet

Feature	Value
Stroke	3 ... 500 mm
Piston diameter	100 mm
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Male thread
Design structure	Piston Piston rod Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating pressure MPa	0.06 ... 1 MPa
Operating pressure	0.6 ... 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	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	1.2 J
Cushioning length	32 mm
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	8,836 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	9,130 N
Mounting type	with accessories
Pneumatic connection	G1/2
Materials note	Conforms to RoHS
Material cover	Aluminium die cast
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy Smooth anodised
Material piston rod	High alloy steel