

Standard cylinder DSNU-8- -P-A-CT

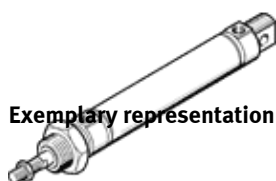
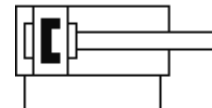
Part number: 170121

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With elastic cushioning rings in the end positions.

A minimum stroke of 10 mm is required for position sensing with proximity sensors.

Products to be discontinued. Available until 2010.



Exemplary representation

Data sheet

Feature	Value
Stroke	10 ... 100 mm
Piston diameter	8 mm
Piston rod thread	M4
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Conforms to standard	ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod
Position detection	For proximity sensor
Variants	CT: Free of copper and PTFE
Operating pressure	1 ... 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-20 ... 80 °C
Authorisation	Germanischer Lloyd
Impact energy in end positions	2.4 J
Theoretical force at 6 bar, return stroke	22.6 N
Theoretical force at 6 bar, advance stroke	30.2 N
Moving mass with 0 mm stroke	7.5 g
Additional weight per 10 mm stroke	2.4 g
Basic weight for 0 mm stroke	34.6 g
Additional mass factor per 10 mm of stroke	1 g
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for cover	Wrought Aluminium alloy neutral anodisation
Materials information for seals	NBR TPE-U(PU)
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	High alloy steel, non-corrosive