

# ISO cylinder DSNU-12-100-P-A

Part number: 19194

★ Core product range

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.



## Data sheet

Feature	values
Stroke	100 mm
Piston diameter	12 mm
Piston rod thread	M6
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Conforms to standard	CETOP RP 52 P ISO 6432
Piston-rod end	Male thread
Design structure	Piston Piston rod Cylinder barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Operating 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
Ambient temperature	-20 ... 80 °C
Authorisation	Germanischer Lloyd
Impact energy in end positions	0.07 J
Theoretical force at 6 bar, return stroke	50.9 N
Theoretical force at 6 bar, advance stroke	67.9 N
Moving mass with 0 mm stroke	18.5 g
Additional weight per 10 mm stroke	4 g
Basic weight for 0 mm stroke	75 g
Additional mass factor per 10 mm of stroke	2 g
Mounting type	with accessories
Pneumatic connection	M5
Materials note	Conforms to RoHS
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