

# Round cylinder ESNU-32-50-P-A

Part number: 196378

FESTO



 General operating condition

## Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	32 mm
Piston rod thread	M10x1.25
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Structural design	Piston Piston rod Cylinder barrel
Position sensing	For proximity sensor
Symbol	00991729
Operating pressure	0.12 MPa ... 1 MPa
Operating pressure	1.2 bar ... 10 bar
Mode of operation	Pushing Single-acting
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.4 J
Spring resetting force with piston rod in retracted position	20 N
Theoretical force at 6 bar, retracting	20 N
Theoretical force at 6 bar, advancing	442.2 N
Moving mass	166 g
Moving mass at 0 mm stroke	121 g
Additional moving mass per 10 mm stroke	9 g
Product weight	448 g
Basic weight with 0 mm stroke	370.5 g
Additional weight per 10 mm stroke	15.5 g
Type of mounting	With accessories
Pneumatic connection	G1/8
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR TPE-U (PU)
Piston rod material	High-alloy steel
Material of cylinder barrel	High-alloy stainless steel