

ISO cylinder

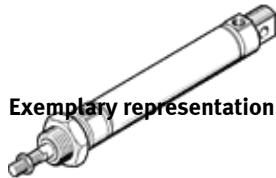
DSNU-25- -PPV-A-S10

Part number: 161218

FESTO

Based on DIN ISO 6432, for proximity sensing. Various mounting options, with or without additional mounting components. With adjustable end-position cushioning.

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



Exemplary representation

Data sheet

Feature	Value
Stroke	10 ... 500 mm
Piston diameter	25 mm
Piston rod thread	M10x1,25
Cushioning	PPV: Pneumatic cushioning adjustable 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	Constant slow movement
Operating pressure	1 ... 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	5 ... 80 °C
Authorisation	Germanischer Lloyd
Impact energy in end positions	0.3 J
Cushioning length	17 mm
Theoretical force at 6 bar, return stroke	247.4 N
Theoretical force at 6 bar, advance stroke	294.5 N
Moving mass with 0 mm stroke	71 g
Additional weight per 10 mm stroke	11 g
Basic weight for 0 mm stroke	238 g
Additional mass factor per 10 mm of stroke	6 g
Mounting type	with accessories
Pneumatic connection	G1/8
Materials note	Contains PWIS substances Conforms to RoHS
Materials information for cover	Wrought Aluminium alloy neutral anodisation
Materials information for seals	FPM NBR
Materials information for piston rod	High alloy steel, non-corrosive
Materials information for cylinder barrel	High alloy steel, non-corrosive