

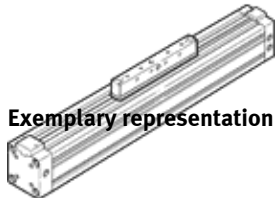
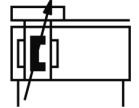
Linear actuator DGP-18- -PPV-A-B

Part number: 158971

FESTO

For proximity sensing, with mechanical coupling between piston and yoke and adjustable cushioning at both ends.

Type to be discontinued. Available until 2013.



Data sheet

Feature	Value
Stroke	10 ... 1,800 mm
Piston diameter	18 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YSR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Basic guide
Driver principle	positive-locking (slot)
Position detection	For proximity sensor
Working pressure	2 ... 8 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:::]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2
Ambient temperature	-10 ... 60 °C
Cushioning length	16 mm
Theoretical force at 6 bar, return stroke	153 N
Theoretical force at 6 bar, advance stroke	153 N
Moving mass	80 g
Moving mass with 0 mm stroke	80 g
Basic weight for 0 mm stroke	460 g
Additional mass factor per 10 mm of stroke	16 g
alternative connections	See product drawing
Pneumatic connection	M5
Materials information for cover	Aluminum casting coated
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum Anodized