

# linear drive

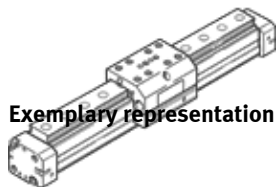
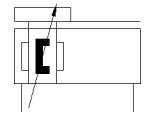
## DGPL-18- -PPV-A-KF-B

Part number: 161977  
Classic - do not use for new projects

FESTO

For proximity sensing, rodless, with positive-locking connection between piston and driver and adjustable end-position cushioning at both ends.

Modern alternatives can be found by entering the first four characters of the type code in the search field.



Exemplary representation

## Data sheet

Feature	Value
Stroke	10 ... 1,800 mm
Piston diameter	18 mm
Cushioning	PPV: Pneumatic cushioning adjustable at both ends YXR: Shock absorber, hard characteristic curve
Assembly position	Any
Guide	Recirculating ball bearing guide
Driver principle	positive-locking (slot)
Position detection	For proximity sensor
Operating 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	0 - No corrosion stress
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	360 g
Moving mass with 0 mm stroke	360 g
Basic weight for 0 mm stroke	830 g
Additional mass factor per 10 mm of stroke	36 g
alternative connections	See product drawing
Pneumatic connection	M5
Material cover	Aluminium casting coated
Material seals	NBR TPE-U(PU)
Material housing	Aluminium Anodised