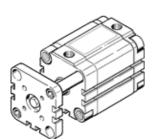
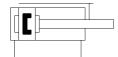
compact cylinder ADVUL-50-80-P-A Part number: 156902 Classic - do not use for new projects

For proximity sensing. Piston rod secured against rotation by means of guide rod and yoke plate.

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





FESTO

Data sheet

Feature	Value
Stroke	80 mm
Piston diameter	50 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Design structure	Piston
	Piston rod
Position detection	For proximity sensor
Variants	Single-ended piston rod
Protection against torque/guide	Guide rod with yoke
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	-20 80 °C
Impact energy in end positions	0.64 J
Theoretical force at 6 bar, return stroke	1,057 N
Theoretical force at 6 bar, advance stroke	1,178 N
Mounting type	with through hole
	with accessories
	Optional
Pneumatic connection	G1/8
Material of flange screw	steel, galvanized
Material cover	Wrought Aluminium alloy
Material of dynamic seals	NBR
	TPE-U(PU)
Material piston rod	High alloy steel
Material cylinder barrel	Wrought Aluminium alloy