

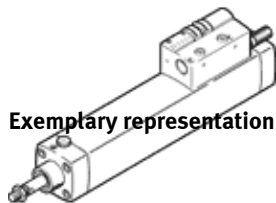
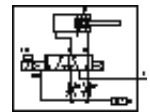
Cylinder/valve combination DNCV-50- -PPV-A-5/2LAD

Part number: 536430

FESTO

With diagnosis module

Products to be discontinued. Available until 2010.



Exemplary representation

Data sheet

Feature	Value
Stroke	85 ... 500 mm
Piston diameter	50 mm
Based on the standard	ISO 15552 (previously also VDMA 24652, ISO 6431, NF E49 003.1, UNI 10290)
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Manual override	detenting
Position detection	For proximity sensor
Operating pressure	3 ... 8 bar
Operating voltage range DC	24 V
Mode of operation	double-acting
Characteristic coil data	24 V DC: low current phase: 0.5 W, high current phase: 1.23 W
Operating medium	Filtered, unlubricated compressed air, 40 µm filtration Filtered, lubricated compressed air, 40 µm filtration
CE mark (see declaration of conformity)	to EU directive for EMC
Corrosion resistance classification CRC	2
Protection class	IP65
Ambient temperature	-5 ... 50 °C
Authorisation	C-Tick
Cushioning length	22 mm
Theoretical force at 6 bar, return stroke	990 N
Theoretical force at 6 bar, advance stroke	1,178 N
Moving mass	538 g
Additional weight per 10 mm stroke	79 g
Basic weight for 0 mm stroke	1,960 g
Additional mass factor per 10 mm of stroke	25 g
Electrical connection	8-pin M12x1 Plug Round design
Pneumatic connection, port 1	QS-10
Pneumatic connection, port 3	Integrated silencer
Pneumatic connection, port 5	Integrated silencer
Materials information for cover	Wrought Aluminium alloy Anodised
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Wrought Aluminium alloy Smooth anodised
Materials information for piston rod	High alloy steel