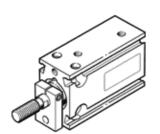
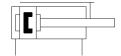
Compact cylinder DMML-25-50-P-A Part number: 158595

FESTO

Non-rotating, for proximity sensing, with elastic cushioning rings in end-positions, wide range of mounting options.





Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	25 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Design structure	Piston
	Piston rod
	Profile barrel
Position detection	For proximity sensor
Variants	Single-ended piston rod
Protection against torque/guide	Guide rod with yoke
Working pressure	1 10 bar
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
Tightening torque of the drive mounting	8 Nm +10%
Theoretical force at 6 bar	295 N
Theoretical force at 6 bar, return stroke	247 N
Theoretical force at 6 bar, advance stroke	295 N
Mounting type	Optional
	with through hole
	with internal (female) thread
Pneumatic connection	M5
Material cover	Brass
Material seals	TPE-U(PU)
Material housing	Wrought Aluminum alloy
	Anodized
Material piston rod	High alloy steel, non-corrosive