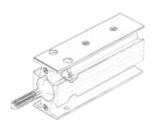
compact cylinder DMM-10-25-P-A Part number: 158506

FESTO

For proximity sensing, with elastic cushioning rings in end positions, wide range of mounting options.





Data sheet

Feature	Value
Stroke	25 mm
Piston diameter	10 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
Operating 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	1 Nm +10 %
Theoretical force at 6 bar	47 N
Theoretical force at 6 bar, return stroke	40 N
Theoretical force at 6 bar, advance stroke	47 N
Mounting type	Optional
	with through hole
	with internal (female) thread
Pneumatic connection	M3
Material cover	Brass
Material seals	TPE-U(PU)
Material housing	Wrought Aluminium alloy
	Anodised
Material piston rod	High alloy steel, non-corrosive