

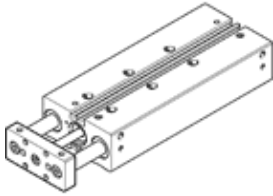
guided drive

DFM-16-10-B-PPV-A-GF

Part number: 8165512

FESTO

The proximity switch, type SMTSO-8E, is not suitable for this product.



Data sheet

Feature	Value
Stroke	10 mm
Piston diameter	16 mm
Operating mode of drive unit	Yoke
Cushioning	PPV: Pneumatic cushioning adjustable at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Operating pressure MPa	0.2 ... 1 MPa
Operating pressure	2 ... 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
PWIS conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 ... 80 °C
Impact energy in end positions	0.15 J
Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting	90 N
Theoretical force at 0.6 MPa (6 bar, 87 psi), advance	121 N
alternative connections	See product drawing
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material cover	Wrought Aluminium alloy
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material piston rod	High alloy steel, non-corrosive