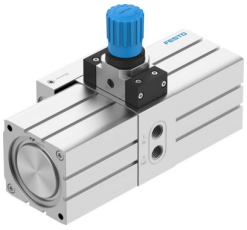
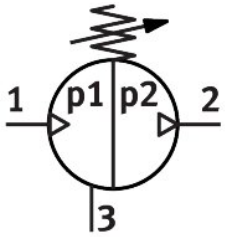
Pressure amplifier
PBPA-100-10-A

Part number: 8210533





Data sheet

Feature	Value
Piston diameter	100 mm
Mounting position	Any
Design	Twin-piston pressure booster
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Output pressure 2	0.4 MPa...1 MPa 4 bar...10 bar 58 psi...145 psi
Operating pressure	0.2 MPa...0.8 MPa 2 bar...8 bar 29 psi...116 psi
Inlet pressure 1	2 bar...8 bar 0.2 MPa...0.8 MPa 29 psi...116 psi
Note on pressure regulation range	If the controller spring is tensioned to the maximum, the maximum output pressure can be exceeded by 40%.
Operating medium	Compressed air to ISO 8573-1:2010 [7:3:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	5 °C...60 °C
Ambient temperature	5 °C...60 °C
Product weight	9800 g
Type of mounting	With female thread
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G3/8
Note on materials	RoHS compliant