Ralston Instruments

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Part No.

DP0V-4FBA-RG

DP0V (125 psi / 8.6 bar) pump, 1/2" female BSPP gauge adapter,1m hose, 1/4" FBSPP process conn.

Perform very precise low pressure calibration or differential pressure calibration using an attached gauge or calibrator (gauge and calibrator not included)

DP0V-4FBA-RG

Included Items

- Hand Pump - DP0V Pneumatic Hand Pump (DP0V)
- Reference Connection - G 1/2" female BSPP (ISO 228/1) x female Quick-test, no check-valve, brass (QTHA-4FBA-RG)
- Process Connection - G 1/4" female BSPP (ISO 228/1) x male Quick-test, no check-valve, brass (QTHA-2FB0-RG)
- Hose - Quick-test 6900 psi hose, brass hose ends, 1 m (3.3 ft) long (QTQT-HOS-1m)

Specs/Attributes

Pressure Reference	None
Process Connection	1/4" Female BSPP (G1/4)
Reference Connection	1/2" Female BSPP (G1/2)
Country of origin	USA
Max Pressure	125 PSI / 8.6 bar / 860 kPa
Max Vacuum	0.00 InHg / 0.0 kPa
Materials	Anodized Aluminum, Brass, Stainless Steel
Seal Materials	Buna-N, Delrin, Teflon
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Weight	1.74 lbs / 790 grams
Dimensions	H: 2.88 in (7.32 cm) x W: 7.93 in (20.14 cm) x D: 3.5 in (8.89 cm)

Hand Pump DP0V

Hand Pump DP0V

Max Pressure	125 PSI / 8.6 bar / 860 kPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.00 kPa
Burst Pressure	1000 PSI / 70 bar / 7.00 MPa
Media Compatibility	Air, Inert Gas, Natural Gas
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Country of origin	USA
Harmonized Code	8414.20.0000
Materials	Anodized Aluminum, Brass
Seal Materials	Buna-N, Delrin
Piston Displacement	1.25 Cu In
Weight	1.60 lbs / 725 grams
Dimensions	H: 2.9 in (7.37 cm) x W: 8 in (20.32 cm) x D: 3.4 in (8.64 cm)

Reference Connection QTHA-4FBA-RG

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Min Operating Temperature	0 °F / -18 °C
Wrench Size	1-1/16 In 27 mm
Connector End 1	G 1/2 Female BSPP (ISO 228)
Connector End 2	Female Quick-test
Weight	3.6 oz / 100 grams
Dimensions	H: 1.76 in (4.47 cm) x W: 1.06 in (2.69 cm) x D: 1.06 in (2.69 cm)

Process Connection QTHA-2FB0-RG

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa

Process Connection QTHA-2FB0-RG

Seal Materials	Buna-N
Wrench Size	3/4 In 19 mm
Connector End 1	G 1/4 Female BSPP (ISO 228)
Connector End 2	Male Quick-test
Weight	1.47 oz / 42 grams
Dimensions	H: 1.12 in (2.84 cm) x W: 0.75 in (1.91 cm) x D: 0.75 in (1.91 cm)

Hose QTQT-HOS-1m

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air,Inert Gas,Natural Gas,Petroleum Based Oil,Water
Hose Length	1 m / 3.28 ft
Inner Diameter	0.08 In / 3.00 mm
Length	1.00 m / 3 ft 3 in
Materials	Brass
Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT
Weight	2.67 oz / 76 grams