

R-4000

Miniature Pressure Regulator

Description

The R-4000 Miniature Pressure Regulator provides a method to readjust the setpoint of pneumatic controllers in low volume applications. The output pressure varies in proportion to the rotation of the adjusting knob.

Refer to *R-4000 Miniature Pressure Regulator Product Bulletin (LIT-7171360)* for important product information.

Features

- use with 0.005 and 0.007 in. R-3710 restrictors
- includes various output spans that can be placed anywhere within pressure ranges and obtained by proper tab removal from the stop plate

- includes a barbed fitting for 1/4 in. O. D. polytubing for panel mounting and a 4 in. (102 mm) length of polytubing for conduit box mounting. Supplied with a two sided dial plate for direct or reverse acting applications
- can be mounted several different ways including:
 - panel mounted if the panel thickness does not exceed 3/8 in. (10 mm)
 - surface mounted using mounting bracket C-5222-100
 - conduit box mounted using a gang box with a minimum depth of 2-3/4 in. (70 mm). Use a surface extension box when the proper conduit box is not available, or when the wall is deeper than 2-3/4 in.



R-4000 Miniature Pressure Regulator

Selection Chart

Code Number	Output Pressure psig (kPa)	Break Off Tab Sets Numbered
R-4000-4	1 (7)	None
	2 (14)	1
	3 (21)	1 and 2
	5 (35)	1, 2 and 3
	6 (42)	1, 2, 3 and 4
R-4000-3	12 (84)	1, 2 and 3
C-5222-100	Mounting Bracket for Surface Mounting	

Repair Information

If the R-4000 Miniature Pressure Regulator fails to operate within its specifications, replace the unit. For a replacement regulator, contact the nearest Johnson Controls® representative.