R-4000 Miniature Pressure Regulator Catalog Page

LIT-1921450

2020-12-07



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.

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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.

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	

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Software terms

Use of the software that is in (or constitutes) this product, or access to the cloud, or hosted services applicable to this product, if any, is subject to applicable end-user license, open-source software information, and other terms set forth at www.johnsoncontrols.com/techterms. Your use of this product constitutes an agreement to such terms.

Patents

Patents: https://jcipat.com

Single point of contact

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