C-5222 Adding/Subtracting Repeater Catalog Page

LIT-1921475

2021-02-19



Description

The C-5222 Adding/Subtracting Repeater is a low volume output auxiliary device designed to increase or decrease the output pressure of a transmitter at a constant ratio. Models are available with a 1:1 or 5:1 ratio.

Refer to *C-5222 Adding/Subtract Repeater Product Bulletin (LIT-7171425)* for important product information.

Repair information

If the C-5222 Adding/Subtracting Repeater fails to operate within its specifications, replace the unit. For a replacement repeater, contact the nearest Johnson Controls® representative.

Features

- adjustable starting points:
    - 1:1 ratio model can be biased from +5 to -8 PSI (+35 to -56 kPa)
    - 5:1 ratio model can be biased from +5 to -13 PSI (+35 to -91 kPa)
- easily mounted with an optional mounting base kit

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Selection charts

Table 1: C-5222 Adding/Subtracting Repeater selection chart

Code number	Description
C-5222-1	C-5222 Adding/Subtracting Repeater 1:1 Ratio
C-5222-3	C-5222 Adding/Subtracting Repeater 5:1 Ratio

Table 2: Accessories for C-5222 selection chart

Code number	Description
R-3710 Series	External Restrictor, .007 or .005 in.

Table 2: Accessories for C-5222 selection chart

Code number	Description
C-5222-100	Panel Mounting Kit

Technical specifications

Table 3: C-5222 Adding /Subtracting Repeater technical specifications

Specification	Description
Action	Proportional; Direct Acting
Input Pressure	25 psig (175 kPa) Maximum
Mounting	In-Line or Panel

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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Contact information

Contact your local branch office: www.johnsoncontrols.com/locations

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