

C-2040

Averaging Cumulator

Description

The C-2040 Averaging Cumulator is a low volume output device designed to operate a controlled device or receiver-controller by averaging the output signals of two, three, or four controllers or transmitters. The Cumulator produces an output signal equal to the average of the input signals.

Refer to *C-2040 Averaging Cumulator Product Bulletin (LIT-7171410)* for important product information.

Features

- operates with up to four receiver-controllers
- averages the output pressure of four controllers or transmitters

Repair Information

If the C-2040 Averaging Cumulator fails to operate within its specifications, replace the unit. For a replacement cumulator, contact the nearest Johnson Controls® representative.



C-2040 Averaging Cumulator

Selection Charts

C-2040 Averaging Cumulator

Code Number	Description
C-2040-1	Averaging Cumulator

Accessories for C-2040

Code Number	Description
R-3710 Series	.007 in. Restrictor
F-300-30	1/4 x 5/32 in. Coupler (100 pk)
F-300-34	1/4 x 5/32 in. Coupler (10 pk)

Technical Specifications

C-2040 Averaging Cumulator	
Supply Pressure	Maximum of 25 psig (175 kPa)
Input Pressure	0 to 20 psig (0 to 140 kPa) from Two, Three, or Four Controllers or Transmitters
Accuracy	± 0.6 psi (4.2 kPa) @ 10 psi (70 kPa) Pilot Differential
Air Connections	Barbed Fittings for 5/32 in. O.D. Poly tubing