

C-9504

Two-Position Cumulator

Description

The C-9504 Two-Position Cumulator provides a two-position output signal from a proportional input signal. The output can be powered by either the supply pressure or the input signal. The appropriate configuration is chosen in the field.

Refer to *C-9504 Two-Position Cumulator Product Bulletin (LIT-7171450)* for important product information.

Features

- adjust high (cut-in) and low (cut-out) settings independently
- includes two pressure regulators for adjusting high and low set points

Repair Information

If the C-9504 Two-Position Cumulator fails to operate within its specifications, replace the unit. For a replacement cumulator, contact the nearest Johnson Controls® representative.



C-9504-1

Selection Chart

Code Number	Description
C-9504-1	Two-Position Cumulator

Technical Specifications

C-9504 Two-Position Cumulator		
Input Pressure		0 to 25 psig (0 to 175 kPa)
Supply Pressure		20 psi (140 kPa) Nominal, 25 psi (175 kPa) Maximum
Minimum Differential		0.5 PSI (3.5 kPa)
Factory Set Points	Cut-In	Approximately 9 psig (63 kPa)
	Cut-Out	Approximately 8.5 psig (60 kPa)
Adjustments (Nominal 20 psig supply)	Cut-In	4.5 psig (32 kPa) to 1 psig (7 kPa) Below the Supply or Input, Factory Set at Approximately 9 psig (63 kPa)
	Cut-Out	0.5 psig (3.5 kPa) Below the Cut-In Pressure Down to 4.0 psig (28 kPa), Factory Set at Approximately 8.5 psig (60 kPa)
Supply Configured Output Capacity		45 SCIM (12.3 mL/s)
Input Configured Output Capacity		2 to 8 SCIM (0.5 to 2.2 mL/s)

