

C-5230

Pneumatic Signal Limiter

Description

The C-5230 Pneumatic Signal Limiter imposes high and/or low limits on any pneumatic signal. The limiter comes in two models:

- C-5230-2 - imposes high or low limits
- C-5230-3 - imposes high and low limits

Refer to *C-5230 Pneumatic Signal Limiter Product Bulletin (LIT-7171435)* for important product information.

Repair Information

If the C-5230 Pneumatic Signal Limiter fails to operate within its specifications, replace the unit. For a replacement signal limiter, contact the nearest Johnson Controls® representative.

Features

- independently adjustable high/low limits
- integral hypodermic needle test points
- field chosen supply source
- low volume with fast response
- compatible with dual supply systems
- output equals low limit when input signal is below low limit
- output equals high limit when input signal is above high limit
- output equals input when input signal is between the set points
- output equals input when input signal is between the set points
- the C-5230-2 is shipped with its regulator mounted for low limit application— for high limit applications the regulator must be removed and installed in the high limit location



C-5230-2 Signal Limiter

Selection Chart

Code Number	Description
C-5230-2	High or Low Limit
C-5230-3	High and Low Limit

Technical Specifications

C-5230 Pneumatic Signal Limiter	
High Limit Adjustment	3 to 1 psig (21 to 7 kPa) of Supply Pressure
Low Limit Adjustment	2 to 1 psig (14 to 7 kPa) of Supply Pressure
Action	Proportional; Direct Acting
Ratio	1:1 Between Limits
Supply Pressure	13 to 25 psig (91 to 175 kPa)
Minimum Limit Differential	0.25 psi (1.7 kPa)

Note: High and low limits can operate within 0.25 psi (1.7 kPa) of each other.

