When positive shutoff is a must, count on Fisher™ slam-shuts for all of your application needs!

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Slam-shut products give you the peace of mind that your customers and equipment are protected.

Introduction

Slam-shut devices are designed to shut off the flow of gas to the downstream system in the event of outlet pressure rising above or falling below predefined levels. Emerson offers both standalone slam-shuts and regulator/slam-shut combinations that utilize a common body where the slam-shut is able to act independently of the regulator.

Applications

- Transmission
- Distribution
- City Gate
- Commercial Service
- Industrial Service
- Production

Benefits

- **System Protection**—Underpressure and/or overpressure protection of your downstream systems and equipment
- **Zero Emissions**—Environmentally friendly with no leaking or venting to atmosphere
- **Positive Shutoff**—Bubble-tight shutoff to downstream equipment and systems
- **Easy In-Line Maintenance**—Internal parts can be inspected and replaced without removing the body from the pipeline
- **Reliability**—Trip mechanism designed to avoid unintentional trips

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Technical Specifications

Slam-Shut Devices

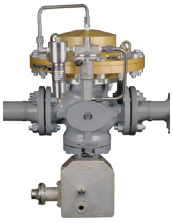
Type OSE

- **Size:** NPS 1, 2, 3, 4, 6, 8 and 10 / DN 25, 50, 80, 100, 150, 200 and 250
- **End Connection:** NPT, CL150 RF, CL300 RF, CL600 RF, CL125 FF and CL250 FF
- **Maximum Inlet Pressure:** 1470 psig / 101 bar
- **Configuration:** OPSO, UPSO, OPSO/UPSO and Limit Switches

VS100 Series

- **Size:**
  For Types VS111 and VS112: 1, 1 x 2-1/4 and 1-1/4
  For Types VS121 and VS122: 1-1/4, 1-1/2 and 2
- **End Connection:**
  For Types VS111 and VS112: NPT, Rp, Rp x GAZ and PN 16 (slip on)
  For Types VS121 and VS122: NPT, Rp, CL125 FF, CL150 FF, CL150 RF and PN 10/16
- **Maximum Inlet Pressure:**
  Differential Strength (DS): 232 psig / 16.0 bar
  Integral Strength (IS): 87 psig / 6.0 bar
- **Configuration:** OPSO and OPSO/UPSO

Integral Slam-Shut Devices



Type EZL-OSX

- **Size:** NPS 2, 3 and 4 / DN 50, 80 and 100
- **End Connection:** CL150 RF, CL300 RF and CL600 RF
- **Maximum Inlet Pressure:** 290 psig / 20.0 bar
- **Configuration:** OPSO and OPSO/UPSO

Type EZR-OSX

- **Size:** NPS 1, 2 x 1, 2, 3, 4 and 6 / DN 25, 50 x 25, 50, 80, 100 and 150
- **End Connection:** CL150 RF, CL300 RF and CL600 RF
- **Maximum Inlet Pressure:** 1050 psig / 72.4 bar
- **Configuration:** OPSO and OPSO/UPSO

CS404 and CSB404 Series

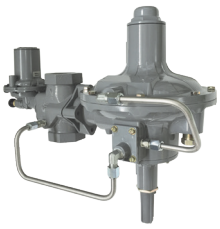
- **Size:** 1-1/4, 1-1/4 x 1-1/2, 1-1/2, 2, NPS 1-1/2 and 2 / DN 40 and 50
- **End Connection:**
  For sizes 1-1/4, 1-1/4 x 1-1/2, 1-1/2 and 2: NPT, Rp
  For size NPT 2 / DN 50:
  PN 10/16, CL125 FF and CL150 FF
  For size NPS 1-1/2 / DN 40: PN 16
- **Maximum Inlet Pressure:**
  For CS404 Series: 125 psig / 8.6 bar
  For CSB404 Series:
  Differential Strength (DS): 232 psig / 16.0 bar
  Integral Strength (IS): 58 psig / 4.0 bar
- **Configuration:** OPSO and OPSO/UPSO, with or without Internal Relief

Type EZH-OSX

- **Size:** NPS 1, 2, 3, 4 and 6 / DN 25, 50, 80 , 100 and 150
- **End Connection:** CL150 RF, CL300 RF and CL600 RF
- **Maximum Inlet Pressure:** 1500 psig / 103 bar
- **Configuration:** OPSO and OPSO/UPSO

CS804 Series

- **Size:** 1-1/2 and 2
- **End Connection:**
  For sizes 1-1/2, 2: NPT, Rp and CL150 RF
  For size 2: CL125 FF and PN 10/16
- **Maximum Inlet Pressure:**
  For End Connections NPT, Rp and CL150 RF: 290 psig / 20.0 bar
  For End Connection CL125 FF: 250 psig / 17.2 bar
  For End Connection PN 10/16: 232 psig / 16.0 bar
- **Configuration:** OPSO and OPSO/UPSO, with or without Internal Relief



Type 299HS/299HV

- **Size:** 1-1/2, 2 and NPS 2 / DN 50
- **End Connection:**
  For sizes 1-1/2 and 2: NPT
  For size NPS 2 / DN 50: CL125 FF, CL250 RF and PN 10/16
- **Maximum Inlet Pressure:** 175 psig / 12.1 bar
- **Configuration:** OPSO and OPSO/UPSO

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