

# PCSA, CRSA, HPCA, LCSA, LPRA Series Automatic Changeover Alarm Systems

Advanced Changeover Systems are available pre-wired with pressure switch gauges and quick-connect automatic alarms for convenient wall-mount installation. Visual and audible alarms alert the user of cylinder changeover and the need to replenish gas supply. The stand-alone annunciator can be located next to the changeover or mounted remotely. Electrical connection between the changeover and annunciator is made with quick contact, miniature connectors. When purchased for local annunciator installation, a 3' interconnecting cable with mating connectors is supplied with each system. Optional cable lengths are available. If remote connection is required, two (3') interconnecting cables with mating connector and flying leads ends are provided, making it convenient to install electrical wiring.

Mechanical specifications for each changeover series can be found on catalog pages 86–91. The changeover alarm systems are assembled using Reed Switch Pressure Gauges, Models SG6520 or SG6521 (page 102) and Annunciator Alarms, Models SG6551A or SG6552 (page 103). Additional product information can be found on the referenced pages. The following part number keys are to be used for ordering changeover alarm systems pre-wired with pressure switch gauges and quick-connect automatic alarms.

**Warning: Do not use these systems for flammable gases. We strongly recommend the use of our Explosion-Proof Type Pressure Switch Model SG6541 (page 100) for all flammable applications.**

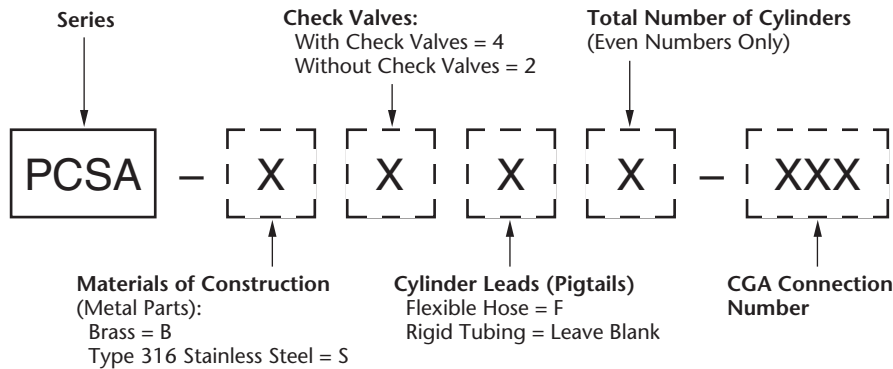
**Note:** When ordering, specify local or remote annunciator installation.



Series CRSA with Mini Electrical Connector

## PCSA Series – Part Number Key for Primary Changeover Alarm Systems

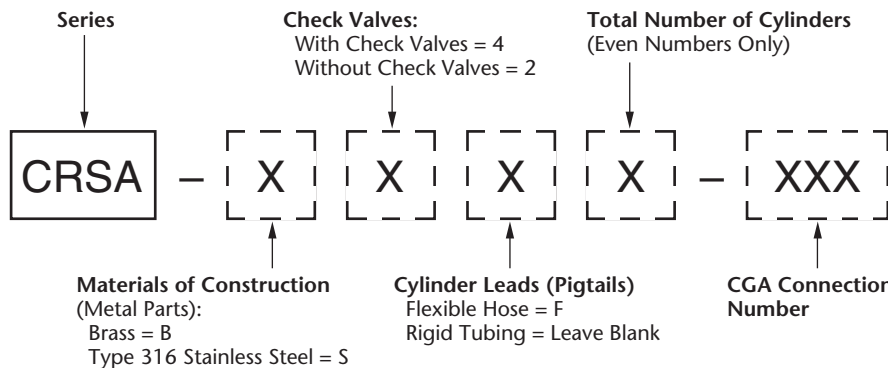
Primary Changeover Alarm System assembled with Model PCS (pages 86-88).



PCSA Series

## CRSA Series – Part Number Key for Automatic Changeover Alarm Systems

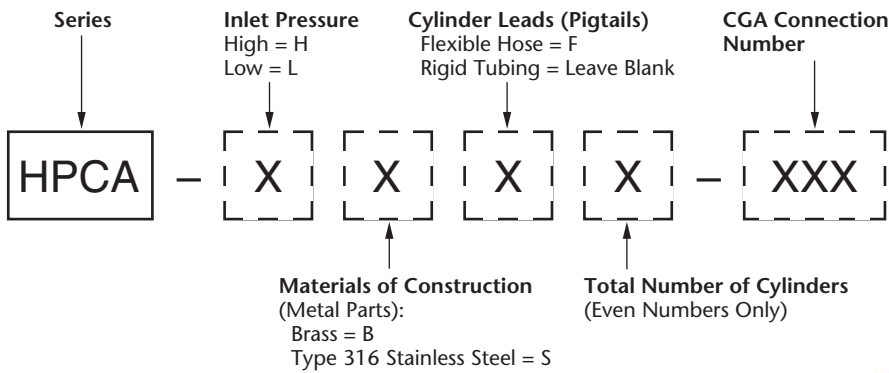
Automatic Changeover Alarm System assembled with Model CRS (pages 86-88).



CRSA Series

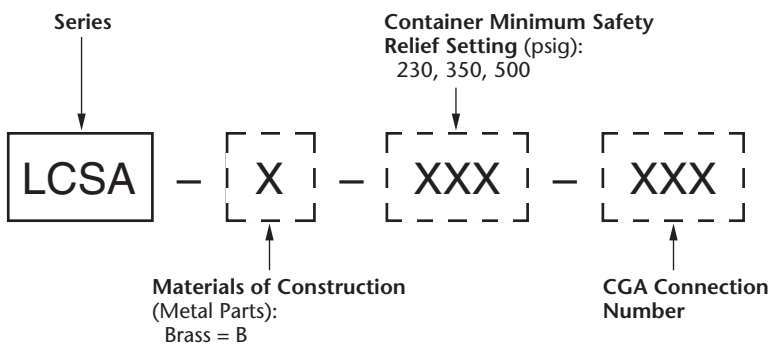
### HPCA Series – Part Number Key for High Flow Primary Changeover Alarm Systems

High Flow Primary Changeover Alarm System assembled with Model HPC (page 89).



### LCSA Series – Part Number Key for Cryogenic Liquid Container Changeover Alarm Systems

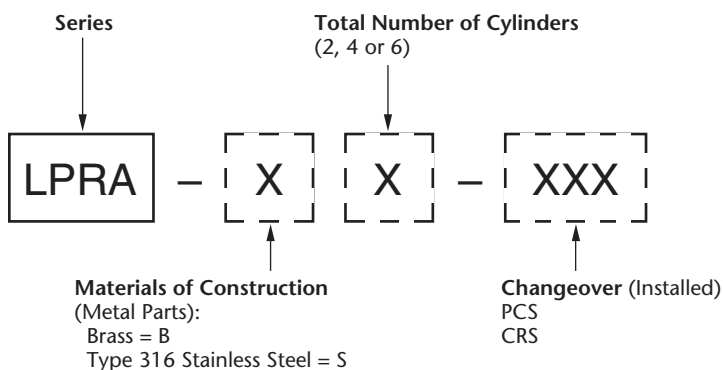
Cryogenic Liquid Container Changeover Alarm System assembled with Model LCS (page 90).



LCSA Series

### LPRA Series – Part Number Key for Laser Gas Process Rack Changeover Alarm Systems

Laser Gas Process Rack Changeover Alarm System assembled with Models PCS or CRS (pages 86-88). **Note:** Annunciator Alarm Model SG6554 (page 104) is used with this system assembly.



LPRA Series

**Laser Gas Equipment for Industrial Lasers** – See pages 68–69 for additional information

Note: When ordering, specify gas service and CGA for each changeover (from left to right)