



500 Series Distribution Systems

529 Series Protocol Switchover Alarm

The 529 Series Protocol Switchover Alarm combines all of the features of the Protocol Switchover Station with the added security of a remote alarm system. The Protocol Switchover Alarm will provide an audible/visible warning when a cylinder is nearly depleted. The system comes complete with Protocol Switchover Station, two 3-foot all stainless steel pigtailed with armor casing, two valves (diaphragm for 3,000 PSIG or needle for 4,500 or 6,000 PSIG), and remote alarm.



529-0156G shown with regulator and cable assembly (sold separately)

Features

- Plugged port in gas block Facilitates purging
- Integral check valve at inlet No internal contamination during cylinder change
- Bracket mounts Attaches conveniently to any surface
- Pressure Switch Gauge Provides visible warning of cylinder depletion
- Remote Alarm Provides audible and visible warning of cylinder depletion
- Connections CGA, DIN, BS Available

Materials

- Protocol Tee Brass, chrome-plated brass, or 316 SS barstock
- Flexible Pigtailed (see page 139 for specifications) 316 stainless steel barstock Monel inner core for oxygen service PTFE inner core for 6000 PSIG
- Inlet Connection 316 stainless steel or brass barstock
- Check Valve "O" Ring Viton®
- Bracket 304 Stainless Steel

Specifications

- Maximum Inlet Pressure 3000 PSIG (210 BAR) 4500 PSIG (310 BAR) optional 6000 PSIG (415 BAR) optional
- Temperature Range -40°F to 140°F (-40°C to 60°C)
- Weight (Single Stage) 4.4 lbs. (2 kg)
- Weight (Dual Stage) 4.8 lbs. (2.2 kg)
- Intrinsic Safety Barriers Required for flammable gas service or for use in hazardous environments

Ordering Information

Stock Number	Description
Add letter "G" after any regulator stock number	For example, to order a 422-1331-580 with a 110V Protocol Switchover Alarm, the stock number would be 422-1331-580G
Add letter "H" after any regulator stock number To order separately:	For example, to order a 422-1331-580 with a 220V Protocol Switchover Alarm, the stock number would be 422-1331-580H
529-0151-CONG	110V Protocol Switchover Alarm for brass regulators with max inlet 600 PSIG
529-0152-CONG	110V Protocol Switchover Alarm for chrome-plated brass regulators with max inlet 600 PSIG
529-0153-CONG	110V Protocol Switchover Alarm for 316L stainless steel regulators with max inlet 600 PSIG
529-0154-CONG	110V Protocol Switchover Alarm for brass regulators with max inlet 3,000 PSIG
529-0155-CONG	110V Protocol Switchover Alarm for chrome-plated brass regulators with max inlet 3,000 PSIG
529-0156-CONG	110V Protocol Switchover Alarm for 316L stainless steel regulators with max inlet 3,000 PSIG
529-0157-CONG	110V Protocol Switchover Alarm for brass regulators with max inlet 4,500 PSIG
529-0158-CONG	110V Protocol Switchover Alarm for chrome-plated brass regulators with max inlet 4,500 PSIG
529-0159-CONG	110V Protocol Switchover Alarm for 316L stainless steel regulators with max inlet 4,500 PSIG
529-0160-CONG	110V Protocol Switchover Alarm for 316L stainless steel regulators with max inlet 6,000 PSIG

For 220V Protocol Switchover Alarm replace "G" after Part Number with "H"