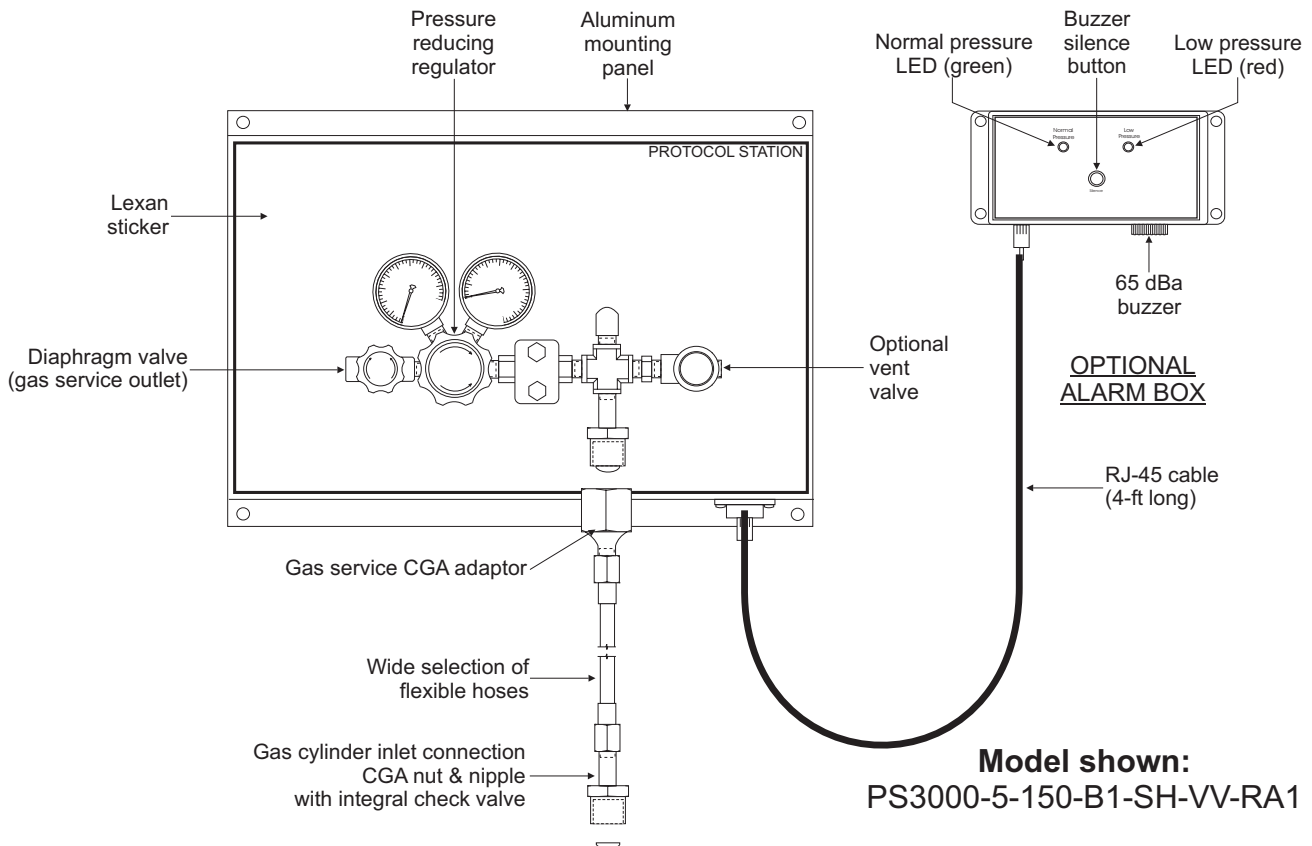




PROTOCOL STATIONS

PS3000 SERIES



Model shown:
PS3000-5-150-B1-SH-VV-RA1

Description

The PS3000 Series Protocol Station is a convenient and safe way to panel mount any type of regulator, its flexible hose and an optional remote alarm. This regulator panel concept eases cylinder changeouts, prevents regulator damage, and allows the addition of options such as vent valves and alarms. The check valve in the flexible hose minimizes the introduction of air and airborne contaminants into the system. The optional remote alarm will provide an audible and visual warning when the cylinder is near depletion.

Key Features

- Primarily designed to wall mount regulators and thus prevent damage to the regulator
- Panel mounting allows the addition of options such as alarm boxes and vent valves

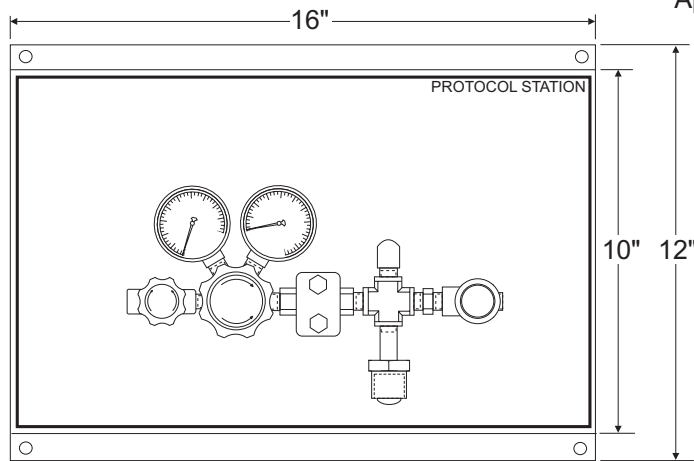
How to order - part number matrix

PS3000					
Series (inlet pressure)	Fluid	Outlet pressure	Regulator	Flexible hoses	Options
Standard series	■ Air = 2	■ 1-15 = 15	■ Brass / single-stage = B1 (standard regulator)	■ Thermoplastic (nylon) steel fittings = NH	■ Standard alarm = RA1
■ 3000 psi = PS3000	■ Helium = 5	■ 2-30 = 30		■ Teflon innercore, SS braid, brass fittings = TH	■ Wireless alarm = RF1
Optional series	■ Hydrogen = 6	■ 4-75 = 75	■ Brass / two-Stage = B2	■ Stainless steel innercore, overbraid & fittings = SH	■ Vent valve = VV
■ 5000 psi = PS5000	■ Nitrogen = 7	■ 10-150 = 150	■ SS / single-stage = S1		■ Hose armor guard = AG
■ 6000 psi = PS6000	Most specialty gases can be specified including acetylene and LPG	■ 20-300 = 300	■ SS / two-stage = S2		■ Zipnut Q/C = QC
		■ 30-500 = 500	Other: please specify		■ Hand tight nut = HT



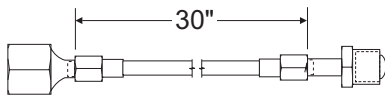
PROTOCOL STATIONS PS3000 SERIES TECHNICAL SPECIFICATIONS

Dimensional drawing



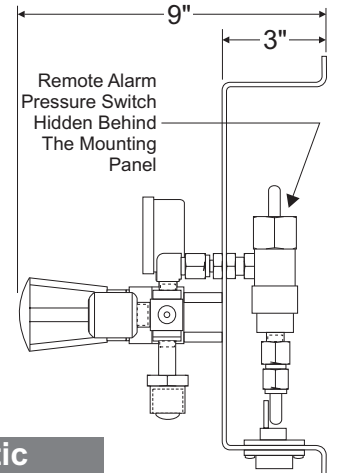
Front View

Typical Flexible Hose



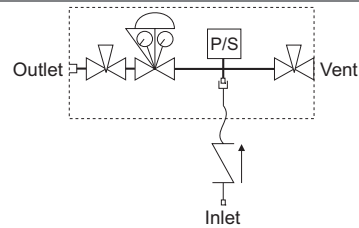
Approximate Dimensions

Model Shown:
MC3000-5-150-B1-SH-RA-VV



Side View

Flow schematic



Standard specifications and material of construction

Model	PS3000 Series Brass construction	PS3000 Series All stainless steel construction
Maximum inlet pressure	3000 psig	3000 psig
Outlet pressure range	See part number matrix	See part number matrix
Inlet connection fitting	Gas related brass CGA nut & nipple	Gas related type 316 stainless steel CGA nut & nipple
Gas service outlet connection	1/4" F.NPT	1/4" F.NPT
Vent valve outlet connection	1/4" M.NPT	1/4" M.NPT
Operating temperature	-40°F to 140°F	-40°F to 140°F
Pressure gauge dial & material	2"-dial, brass	2"-dial, type 316 stainless steel
Fitting size & material	1/4" NPS, brass	1/4" NPS, type 316 stainless steel
Pressure regulator & outlet valve		
Body	Brass bar stock	Type 316L stainless steel bar stock
Diaphragm	Type 304 stainless steel	Type 316L stainless steel
Filter	10-micron	40-micron
Seats	Nickel-plated sintered bronze	Type 316L stainless steel
Seals	PCTFE	PCTFE
Seals	Teflon	Teflon
Vent valve		
Body	Forged brass UNS 37700	Type 316 stainless steel
Seats	Nylon, Zytel 101 or Celanese 1000-1	PFA
Seals	Virgin Teflon	PFA