

CYLINDER PRESSURE ALARM



The Altos Advantage

- **Monitor real-time system pressure and configuration**
Relevant, useful gas source data
- **More economical than pressure switches**
Cost-effective solution
- **Future-proofing of gas source equipment**
Allows for potential integration
- **Intrinsically safe option**
Eliminates flammability hazard
- **Customizable system configuration**
Application flexibility
- **Pressure switch or pressure transducer input**
Universal installation

The cornerstone of a smart, flexible gas delivery system is the CONCOA Altos 2 system monitor, designed to report the status of two individual points of observation in automatic switchover and fail-safe applications. Traditional pressure switch-driven systems are only capable of providing alarm notification upon gas source depletion. Conversely, the Altos 2 utilizes a 2.5" LCD screen to display real-time system pressure and configuration using 4-20mA pressure transducers or pressure switches. Providing actionable, real-time gas source data, combined with economic savings versus traditional pressure switch technology, allows the user to design a complete, intrinsically-safe gas delivery system.

Specifications

Audio	93dB audible alarm
Power Input	100-240 VAC, 50-60 Hz (US, UK, European, Australian, and Chinese adapters included)
Relay Outputs (3)	Dry contacts Normally open and normally closed
Output Contact Rating	.5A 24V
Inputs (2)	Dry contacts <u>or</u> 4-20mA pressure transducers
Dimensions	4.72" x 8.7" x 2.5" (120mm x 222mm x 64mm)

Ordering Information

575 0025-000 Altos 2 remote alarm (universal input)

526/527 Series Automatic Switchovers



526 401G-01-001 shown

Specifications

Materials of Construction	Brass barstock (526) 316L stainless steel (527)
Maximum Inlet Pressure	4500 PSIG (310 BAR)
Temperature Range	-40 to 140°F (-40 to 60°C)
Gauges	2" (53mm) diameter
Outlet Connection	1/4" MPT (without line regulator) 1/4" FPT (with line regulator)
Helium Leak Integrity	1x10 ⁻⁹ scc/sec
Cv	.1

Ordering Information 526/527 A B C D

-CON

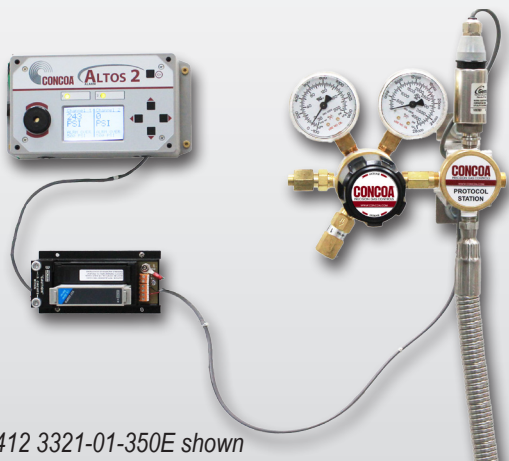
Assembly

The 526 and 527 series automatic switchovers are designed to provide a continuous supply of high-purity gas. To order with pressure transducer technology and the Altos 2 alarm, select the corresponding new option in digit "D" (Assembly) of the part number matrix, using the standard options for the remaining digits.

Ex 526 312G-01-580

G: 4000 PSIG/280 BAR gauges w/ transducers & Altos 2 Alarm (Not Intrinsically Safe)
H: 600 PSIG/42 BAR gauges w/ transducers & Altos 2 Alarm (Not Intrinsically Safe)
J: 4000 PSIG/280 BAR gauges w/ transducers & no alarm (Not Intrinsically Safe)
K: 600 PSIG/42 BAR gauges w/ transducers & no Alarm (Not Intrinsically Safe)
L: 4000 PSIG/280 BAR gauges w/ transducers & Altos 2 Alarm (Intrinsically Safe)
M: 600 PSIG/42 BAR gauges w/ transducers & Altos 2 Alarm (Intrinsically Safe)
N: 4000 PSIG/280 BAR gauges w/ transducers & no alarm (Intrinsically Safe)
P: 600 PSIG/42 BAR gauges w/ transducers & no alarm (Intrinsically Safe)

400/300/200 Series Regulators



412 3321-01-350E shown

Specifications

Maximum Inlet Pressure	4500 PSIG (310 BAR)
Temperature Range	-40 to 140°F (-40 to 60°C)
Gauges	2" (53mm) diameter (400 & 300 series) 2-1/2" (68mm) diameter (200 series)
Ports	1/4" FPT
Helium Leak Integrity	1x10 ⁻⁹ scc/sec (400 series) 1x10 ⁻⁹ scc/sec (300 series)
Cv	.1 (400 & 300 series) .28 (200 series) .02 (213 series)

Ordering Information 400/300/200 A B C D -CON Options

Installed Options

The 400, 300, and 200 series regulators are designed to provide primary control of high-purity gas sources. To order with pressure transducer technology and the Altos 2 alarm, select the corresponding new option in the final digit (Options) of the part number matrix, using the standard options for the remaining digits.

Ex 432 2301-01-580E

E: Protocol Alarm Station w/transducers & Altos 2 Alarm (Intrinsically Safe)
L: Protocol Alarm Station w/transducers & no alarm (Intrinsically Safe)
J: Protocol Alarm Station w/transducers & Altos 2 Alarm (Not Intrinsically Safe)
V: Protocol Alarm Station w/transducers & no alarm (Not Intrinsically Safe)
X: Protocol Switchover Alarm Station w/transducers & Altos 2 Alarm (Intrinsically Safe)
Z: Protocol Switchover Alarm Station w/transducers & no alarm (Intrinsically Safe)
K: Protocol Switchover Alarm Station w/transducers & Altos 2 Alarm (Not Intrinsically Safe)
W: Protocol Switchover Alarm Station w/transducers & no alarm (Not Intrinsically Safe)