

APTech

GAS CONTROL NEWS

QUALITY – RELIABILITY – SAFETY

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AP 1300 Series Debut

The AZ and AK 1300 series have been available for many years. The model is a free poppet version of the 1200 HF series. We are now releasing the AP 1300 series as a cost effective option for those who want high flow point of use regulation and AP feature set with secondary remelt stainless steel construction. A SHP option is also being introduced for the 1300 primarily for added corrosion resistance in VMB applications. ❖

AP 72 Low Flow Option

The standard AP 72 consumes a nominal 60 slpm of N₂ at 80 psig (5.5 bar) while creating vacuum. The unit is now available with an L option (AP 72L) which lowers the N₂ flow to 25 slpm at 80 psig (5.5 bar). The device still achieves the same vacuum level, it just takes more time to arrive due to the lower flow. The data sheet has been updated to include this new option along with performance curves. Some prefer to conserve on N₂ while others prefer to have more N₂ flow through the exhaust. ❖

Saying No to High Pressure

The NC (normally closed) AP, AZ & AK 3000 pneumatic valve now has a NO (normally open) cousin – the 3080. Available in all three series; AP, AZ and AK; the new 3080 has a 3,000 psig (207 bar) rating with a 0.23 Cv, the same as the 3000. ❖

KT 10 Mounting Threads

The KT 10 Welded has M5 mounting threads in the bottom of the body, but the standard KT 10 does not. Well no longer, as M5 mounting holes are being added to the KT 10 with the same dimensions as the KT 10 Welded. This will be phased into production over time with no affect upon price. ❖

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Return of the Valve Panel Mount

The panel mount option for the 3 series 1/4 inch and 4 series 3/8 inch valves mysteriously vanished with the change to a four page data sheet format some time ago. And now, just as mysteriously, the P option for these manual valves has reappeared. All 1/4 and 3/8 inch manual valves, with the exception of the 3652 and 4652, have a panel mounting option noted in the data sheet. ❖

Even More Additions To Tech Briefs?

Adding to the 'not so brief' update in the last edition are even more new additions and updates to this popular and populated section of our web site. Continual improvement extends beyond products and manufacturing to include sales and marketing, as you can see by the constant efforts to enhance our online presence.

ISO 9001:2008 registration: A copy of the current Certificate of Registration is posted to the Government Regulations section.

PED: The European Pressure Equipment Directive (PED) applies to our products. A PED self declaration is now posted in the Government Regulations section.

PN 411 3651 & 4651 explains an increased knob friction option for the 3650 & 4650 valves.

PN 415 3625/4625 lever handle options was updated to include the FK option.

PN 419 explains the 3571/4571 two step (dual mode) valves.

PN 422 explains the challenges of leak testing pressure regulators across the seat.

PN 428 Gas Data Table has additional gases listed (same additions as to the TB 208).

PN 430 CB option explains the constant bleed valve option which provides a continuous low flow of gas through the valve.

PN 431 compares 1/4 inch standard and high flow face seal fittings in addition to comparing 3/8 to 1/2 inch face seal fittings. Many still don't know the differences between these fittings, nor that the 1/4 inch high flow has basically the same inside diameter bore as a 3/8 inch fitting. ❖

Keeping Up-To-Date

And last but not least, there are other updates which should be noted:

Condensed catalog, posted to the home page, has been updated to include all the new product and options that we have available. Just click the catalog cover, and up pops the condensed overview of all our products.

Technical Bulletin 208, Pressure Regulator and Valve Selection Guide has been revised to add a selection of new gases. In addition, the text on page two which defines the guide has been condensed to a quick reference format. ❖
