

AIR Tech Notes

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Subject: Solenoid Valves

When you place an order for a new Hansen solenoid coil or pilot light you will find they have changed their product line. Some of the changes are as follows.

Solenoid coils:

- You will no longer find the solenoid coils enclosed in a steel housing.
- You will now find an encapsulated, corrosion resistant coil design.
- Coils are available- with standard pigtail leads with a ½” fpt electrical connection.
- with quick disconnect connections, ½” fpt or DIN (cord) connection.
- Quick disconnect are excellent for quick repair, troubleshooting or lockout.
- A knob is now used rather than a washer and locknut.
- Coils are available in 24,115,230 VAC. Quick disconnect coils also available in 24VDC.

Pilot lights:

- The incandescent and neon lamps have been replaced by a LED style. The LED style are not connected to the coil voltage. They are mounted above the coil and rely on the magnetic field of the coil to power the two long life LED lights. The new pilot lights are referred to as “Coil Beacon” lights.
- A “Beacon” knob is required when using the new LED light to transfer the magnetic energy.
- “Beacon” lights are available in red, green and amber.
- “Beacon” lights can be rotated 360 degrees for optimal viewing.
- “Beacon” lights will not work with 24 VDC coils.
- “Beacon” lights will not work with valves which have a Danfoss style solenoid tube requiring a clip or plastic cap for securing the solenoid.

For more information on these items please see the Hansen Technologies website at www.hantech.com. Click on “Support” and then click on “Technibriefs”. For information on these solenoid coils and LED lights click on technibrief dated February 2004.