

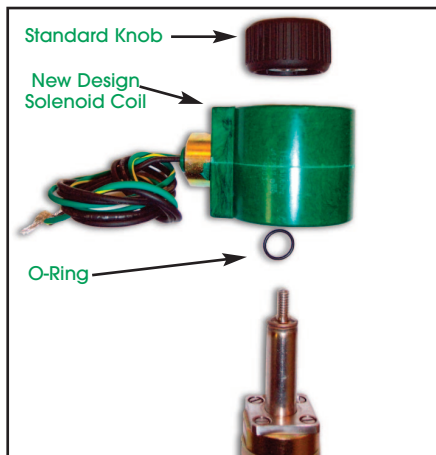
TECHNI-BRIEFS

PRODUCT APPLICATION

Electrical Solenoid Coils Redesigned

Hansen Technologies' electrical solenoid coils have been redesigned for improved performance. The steel coil housing is now wholly enclosed inside the molded encapsulation increasing the coil's corrosion resistance. This may be particularly important in wash down areas. The new design coil is now Hansen's standard, and the older design coil is being discontinued. Replacement coils for old design coil housings will be available while supplies last, thereafter the new design coil will be supplied. New and old coils are completely interchangeable for all Hansen designed valves.

An optional compact "Coil Beacon" pilot light is of a unique design. Power for the two long life LED's on the "Coil Beacon" is induced from the magnetic field of the coil. No wiring of the "Coil Beacon" is required. The "Coil Beacon" installs on top of any Hansen AC voltage coil.



It can even be added to existing older design Hansen coils. The "Coil Beacon" pilot light can be rotated 360 degrees for optimal viewing. "Coil Beacon" pilot lights are available in red, green, and amber.

The new coils will be offered with various electrical connections. Available electrical connections are: 18" long wire pigtail leads, Quick Disconnect Plug-in Coil with corresponding socket suitable for connection to flexible conduit, and DIN

Plug-in Coil with corresponding DIN socket. The DIN connector is popular in Europe and many other parts of the world. The Quick Disconnect is more popular than DIN in the United States. Both the Quick Disconnect and the DIN allow coil replacement by simply unplugging the defective coil and plugging in the replacement coil.

The new coils will also be offered in various voltages. Available volt-

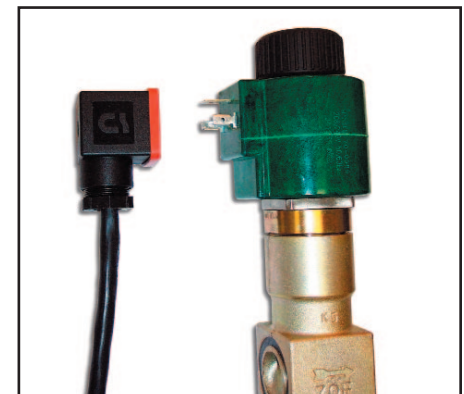
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Coil with 18" long wire pigtail leads on an HS8A solenoid valve



Quick Disconnect socket and coil shown with customer supplied conduit on an HS8A solenoid valve



DIN socket and coil shown with customer supplied cord on an HS8A solenoid valve

Coils Redesigned...cont'd

ages are 115 VAC, 230 VAC, 24 VAC, and 24 VDC (plug-in coils only). The same "Coil Beacon" pilot light can be used on any AC voltage coil (it will not work on a DC coil), because the lights are not wired to the voltage, but instead electrical

power for the two LED's is induced from the magnetic field.

The new coils are easily identified from the older design because the new coils are green and have no exposed metal frame.

Ordering information for replacement parts is as follows:

Standard Coil Kit, 18" long pigtail leads

Includes coil, knob, and o-ring.

115V	70-1085
230V	70-1086
24AC	70-1087



Plug-in Coil Kit, with DIN Connector socket

Includes coil, knob, and o-ring.

115V	70-1092
230V	70-1093
24AC	70-1094
24DC	70-1095



Replacement Coil Only, 18" long pigtail leads

115V	70-0580
230V	70-0581
24AC	70-0582



Plug-in Coil Kit, with Quick Disconnect Connector socket

Includes coil, knob, and o-ring.

115V	70-1096
230V	70-1097
24AC	70-1098
24DC	70-1099



Plug-in Coil Kit, less socket

Includes coil, knob, and o-ring.

115V	70-1088
230V	70-1089
24AC	70-1090
24DC	70-1091



Pilot Light Kit

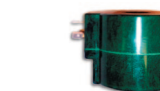
Includes coil beacon, o-ring, and knob

red	70-1100
green	70-1102
amber	70-1101



Replacement Coil Only, Plug-in Coil

115V	70-0584
230V	70-0585
24AC	70-0586
24DC	70-0583



TRADE SHOWS

FEBRUARY 2004

02/03 - 02/06	HVAC&R Tokyo, Japan
02/03 - 02/06	Interclima Paris, France
02/18 - 02/21	ACREX Mumbai, India
02/29 - 03/03	IIAR Orlando, FL

MARCH 2004

03/02 - 03/06	ExpoComfort Milan, Italy
03/17 - 03/18	MPF St. Paul, MN
03/25 - 03/27	CMX Toronto, Canada

APRIL 2004

04/08 - 04/10	China Refrigeration Shanghai, China
04/17 - 04/22	IARW Miami, FL

MAY 2004

05/02 - 05/04	FMI Chicago, IL
05/03 - 05/05	ARBS Melbourne, Australia

JUNE 2004

06/02 - 06/04	Cooling Africa Cape Town, Africa
06/15 - 06/17	Vietfish Ho Chi Minh City, Vietnam
06/26 - 06/28	ASHRAE Nashville, TN

JULY 2004

07/06 - 07/09	HVAC&R Singapore
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SEPTEMBER 2004

09/22 - 09/24	AHR Expo Monterrey, Mexico
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OCTOBER 2004

10/13 - 10/15	IKK Nuremberg, Germany
10/25 - 10/30	RETA Reno, NV

NOVEMBER 2004

11/20 - 11/22	Expo Pesca Lima, Peru
11/24 - 11/27	SuperMarket Kiev, Ukraine

TRAINING

Hansen offers a free two day seminar focusing on industrial refrigeration valves and technical equipment. It offers an excellent opportunity to review the Hansen product line and discover practical solutions, answers to operational questions, service and maintenance issues.

Contact Hansen today to register for an upcoming training date:

May 17-18, 2004
August 2-3, 2004
November 8-9, 2004

Please register early to secure your space — seating is limited. Select your training date and submit Registration Form, available at <http://www.hantech.com> via email at training@hantech.com or via fax at 630-372-1572.

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