

OUTLINE

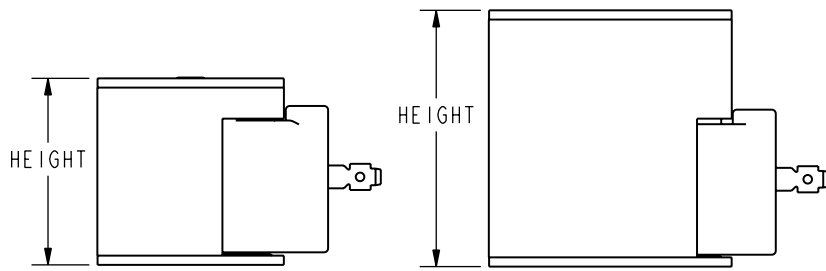
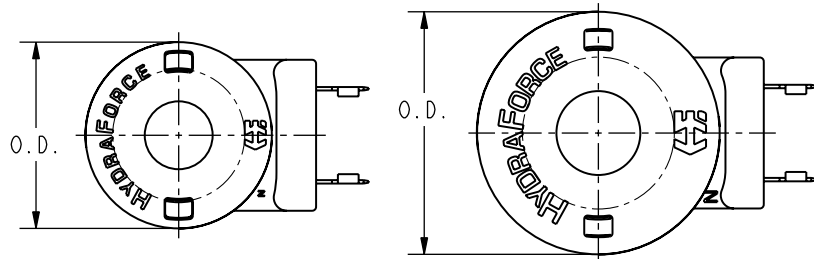
COIL SIZE	O.D.	HEIGHT	VOLTAGE (volts)	RESISTANCE (ohms AT 20°C)	INITIAL CURRENT DRAW (ampere)	INITIAL POWER CONSUMPTION (watts)
08	1.41 [35.8mm]	1.41 [35.8mm]	12	8.82±3%	1.36	16.33
			24	33.75±5%	0.71	17.07
10	1.84 [46.7mm]	1.94 [49.3mm]	12	7.09±3%	1.69	20.31
			24	28.50±5%	0.84	20.21

CONNECTOR	CONNECTOR CODE	IP RATING
DIN 43650	EG	65

DIODE TYPE	DIODE TYPE CODE	CIRCUIT DIAGRAM
BI-DIRECTIONAL ZENER DIODE	Z	

NOTE:

1. CAN BE IP67 RATED IF USED WITH SEALED MATING CONNECTOR AND GASKET.



08 SIZE EG COIL

10 SIZE EG COIL

MODEL CODE EXAMPLE:

SV08-XX-0-X-12EGZ
 CAVITY AND COIL SIZE — VOLTAGE — CONNECTOR — DIODE TYPE

DESCRIPTION & SPECIFICATIONS

MAGNET WIRE: U.S. CLASS N
(200°C MINIMUM RATING)

CONSTRUCTION: MAGNET WIRE WINDING FULLY OVERMOLDED WITH 33% GLASS FILLED POLYESTER RESIN, AND ENCLOSED IN A THREE PIECE ZINC PLATED METAL SHELL.

BIDIRECTIONAL ZENER DIODE FOR 12 VDC:

MAXIMUM CLAMPING VOLTAGE: 45.7 volts
 MAXIMUM PEAK PULSE CURRENT: 13.2 amperes
 REVERSE STANDOFF VOLTAGE: 28.2 volts
 MAXIMUM REVERSE LEAKAGE: 5.0 microamperes
 BREAKDOWN VOLTAGE: 31.4 volts (MINIMUM)
 34.7 volts (MAXIMUM)

HF#(REF)=6110163

BIDIRECTIONAL ZENER DIODE FOR 24 VDC:

MAXIMUM CLAMPING VOLTAGE: 64.8 volts
 MAXIMUM PEAK PULSE CURRENT: 9.3 amperes
 REVERSE STANDOFF VOLTAGE: 40.2 volts
 MAXIMUM REVERSE LEAKAGE: 5.0 microamperes
 BREAKDOWN VOLTAGE: 44.7 volts (MINIMUM)
 49.4 volts (MAXIMUM)

HF#(REF)=4000063

SCALE 1:1 DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION 	HYDRAFORCE®
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DRAWING NUMBER		SHEET 1 OF 1
E_COIL_OL_EG		REV 1 ECN 051701 BY MAM/KCF DATE 31AUG2005