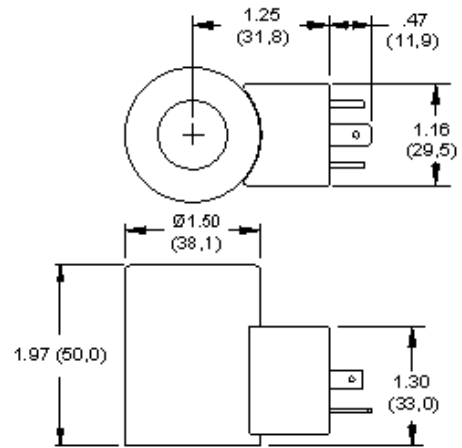


DC COIL

in (mm)



### TECHNICAL DATA

Maximum Coil Temperature at 68°F (20°C) Ambient	218°F (105°C)
Arc Suppression (TVS)	None
Power Consumption (cold) - at rated voltage	22 watts
Maximum Ambient Temperature	50 °C
Voltage/Frequency	24 VDC
Operating Voltage Range	+/- 10% nominal
Duty Cycle Rating	100 %
Connector	ISO4400 - EN/DIN175301-803, Form A (ISO/DIN 43650) 3-pin
Connector Environment Rating	IP65/IP67
Solenoid Tube Diameter	19 mm
Coil Nut Torque	0,5 Nm
Model Weight	0.23 kg.

### PROPORTIONAL PERFORMANCE DATA

Maximum Current	590 mA
Nominal Coil Resistance at 122°F (50°C) Stabilized	37.2 ±5% ohms
Nominal Coil Resistance at 68°F (20°C) Cold	26.2 ±5% ohms

### USED WITH

DAAL	DAALS	DBAL	DBALS	DFCA	DFCB	DFDA	DFDB	DFEA	DFEB
DFFA	DFFB	DLDA	DLDAS	DLDAZ	DMDA	DMDAS	DNCA	DNCAZ	DNDA
DNDAS	DNDC	DNDY	DNDYS	DTCA	DTDA	DTDAS	DWDA	FMDA	FMDB
FPCC	FPCH	FPFK	FPHK	HDDA	PRDL	PRDM	PRDN	PRDP	PSDL
PSDP	RBAN	RBAP							

### TECHNICAL FEATURES

- This DC coil does not include a TVS surge suppression diode. Coils without TVS diodes should only be used when surge suppression is included elsewhere in the electrical system.
- For optimum proportional performance, an amplifier with current sensing and adjustable dither should be used. Dither should be adjustable between 100 - 250 Hz.
- Coil windings utilize Class N, (392° F [200 °C] rated) magnet wire.
- This coil is CE compliant. It meets the requirements of the Low Voltage Directive (2006/95/EC) and EN 60204-1:2006.
- The external steel shell is plated with clear zinc trivalent.
- IP rating is dependent on the coil connector and the mating connector used.
- Power cable with mating connector is required and is not included with product.
- RoHS compliant. Restricted materials less than 0.1% total by weight.