

Considerations for Ordering Solenoids



The performance published in our data sheets is for guidance only as varying electrical, mechanical and environmental conditions will have an effect.

To enable us to help you choose and specify the correct solenoid to suit your application, please use the following information to detail your requirement.

Space Envelope available:

By specifying the maximum space available we can offer a wider range of solenoids to choose from which may be more suited to your application. Remember the larger the solenoid the lower the current and operation costs.

Force or Torque required:

Specifying your initial requirements helps us to find the correct solution giving your application the most durable and economic solenoid.

Stroke and Function:

For Rotary Solenoids stroke is expressed in degrees of rotation, please specify direction (left or right hand) and angle of rotation (viewed on Armature Plate end).

For Linear Solenoids stroke is expressed in mm please specify Push or Pull operation.

Duty Cycle:

Duty cycle is expressed as a percentage of the on time in a total time taken for 1 cycle of operation. If in doubt specify maximum on time and minimum off time for 1 cycle, this ensure the solenoid provides the maximum amount of force without overheating.

Power Source:

Specify working voltage tolerances and any current limitations

Ambient Temperature:

Specify the ambient temperature of the solenoid, for ambient temperatures above 35c, High-temperature insulation is available to special order depending on solenoid type and volumes.

Contact us today to find out more about our product ranges



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