



## JC120

### SINGLE AXIS JOYSTICK FEATURES

**Penny + Giles** has expanded its family of JC120 joysticks with the addition of new features.

These features are:

A **Friction** mechanism that enables a user to set the joystick handle to a specific angle/output so as to drive a system at a constant speed without the need for the operator to continue to hold the handle.

A **Centre detent feel** that is used with the **Friction** mechanism to provide the user with an indication of the joystick middle position.

A **7-position detent feel** that provides an indication to the user of the progressive movement through the Joystick operating angle. Detents are separated by an angle of 10° with one at the middle position.

These detent options are available for both the spring return to centre, spring return to one end and also the new Friction options.

The key features of these new options are:

- **The Friction and Detent features are contained within the existing joystick body**
- **The life of the mechanical features is in excess of 1 million cycles**
- **A cost effective solution to providing mechanical indication of speed of the system**

The new part numbers are as follows:

| Part number | Handle Type | Friction/Spring  | Number of Detents |
|-------------|-------------|------------------|-------------------|
| JC120-0025  | Long        | Spring to End    | 7                 |
| JC120-0028  | Long        | Spring to Centre | 7                 |
| JC120-0029  | Long        | Friction         | Centre only       |
| JC120-0030  | Long        | Friction         | None              |
| JC120-0032  | Long        | Friction         | 7                 |
| JC120-0036  | Short       | Spring to End    | 7                 |
| JC120-0037  | Short       | Spring to Centre | 7                 |
| JC120-0038  | Short       | Friction         | Centre only       |

*If you have a requirement for a combination of features that is not shown above then please do not hesitate to contact the sales department at Penny & Giles*



**SHORT HANDLE OPTION**



**LONG HANDLE OPTION**

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