Introduction

Programmable Logic Controllers (PLCs) are used extensively in many manufacturing processes and control applications being readily programmed and reprogrammed when variations in the controlled process are required.

Description

Initial program conditions can be set by switched selection. This allows the development of several different programs that can be used as conditional jumps; depending on how the initial conditions have been set. Using push-button switches to simulate interrupt conditions, such as unbalanced drum load, more complex control problems can be developed.

Features

• Demonstrates sequential control
• Initial process conditions can be set
• Demonstrates the use of simple interrupts
• Low cost PLC application

Curriculum Coverage

• Fundamentals of logic
• Basics of PLC programming
• Developing Ladder Logic Programs
• Programming Timers
PLC Digital I/O Pack and Digital I/O Pack Pre-Wired Options

PLC programs are available for Allen Bradley, Mitsubishi and Siemens. The PLC options include Digital I/O Pack or Digital I/O Pack pre-wired versions. The pack includes PLC hardware, PLC Programming software, Power supply and leads.

PLC Pre-Wired Boards

Available on a pre-wired board, with the appropriate PLC pack wired to multi-way connectors, enabling plug and play capability with the range of PLC applications.

Ordering information

Automatic Washing Machine – PLC application
PLCs – essential, can use your own or purchase as follows:

<table>
<thead>
<tr>
<th></th>
<th>Digital I/O Pack</th>
<th>Digital I/O Pack Pre-Wired</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitsubishi</td>
<td>34-020</td>
<td>34-020-1</td>
</tr>
<tr>
<td>Allen Bradley</td>
<td>34-040</td>
<td>34-040-1</td>
</tr>
<tr>
<td>Siemens</td>
<td>34-060</td>
<td>34-060-1</td>
</tr>
</tbody>
</table>

Feedback Instruments
5 & 6 Warren Court
Park Road, Crowborough
East Sussex
TN6 2QX
United Kingdom
Tel: +44 1892 653322
Sales: sales@feedback-instruments.com
Website: www.feedback-instruments.com
Feedback reserves the right to change these specifications without notice.