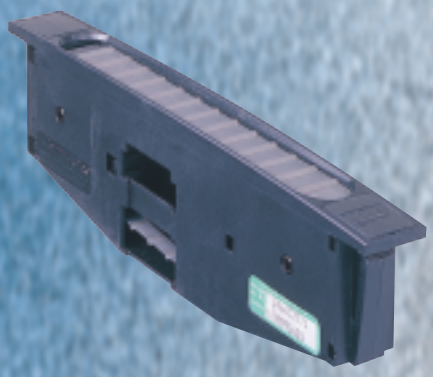
Penny+Giles

Endless Belt

Digital controller



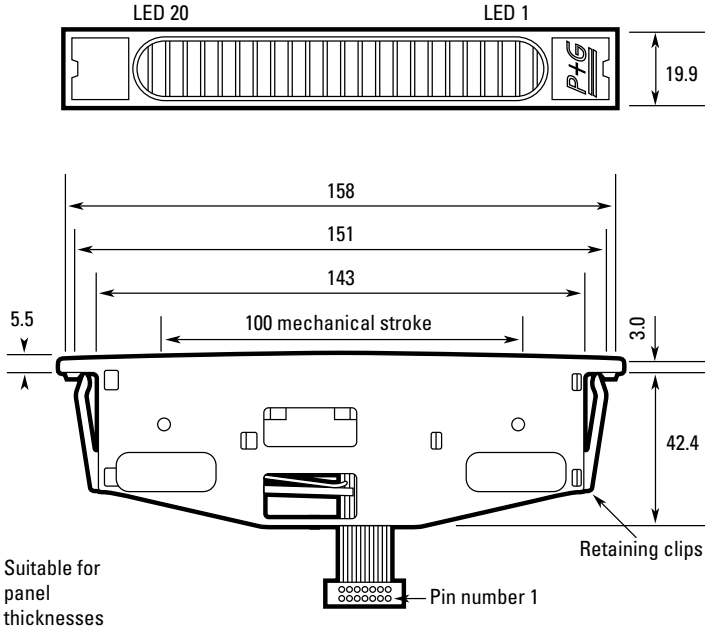
Penny+Giles Endless Belt controller provides a compact relative-level device which delivers an optically derived digital output. The continuous belt design offers a precise, tactile interface for incremental control and provides designers of automation systems with a cost-effective ergonomic solution.

- optical incremental encoder
- quadrature output waveforms
- built-in display
- smooth, tactile feel
- noise free operation
- robust and durable
- light and compact
- assignable controller

ENDLESS BELT DIGITAL CONTROLLER

Stroke length	**100mm** [1]
LED's (red as standard)	**Fitted** [1]
Belt colour	**Translucent grey** [1]

Dimensions



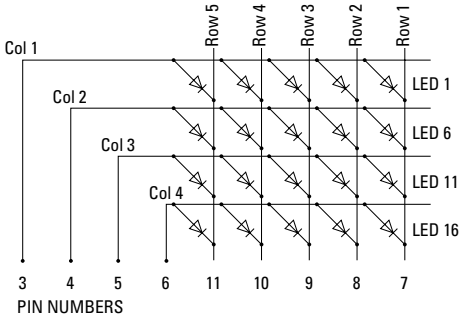
Suitable for panel thicknesses from 1mm - 3mm.

3.20 diameter holes required in panel for location of body

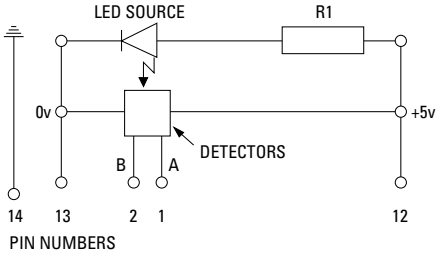
All dimentions shown in mm

Circuit diagrams/Terminations

LED display



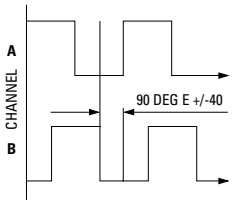
Circuit/connections



Quarature waveform

Over 256 counts per 100mm of travel
Quadrature outputs, Schmitt TTL levels

2 Channels	90° Phase dif.
Supply voltage	5V ±10%
Supply current	30mA max
20 red LED's	20mA max. continuous



TO ORDER OR OBTAIN A QUOTATION Please contact your nearest sales office and advise:

The series number and description, LED's required and belt colour.
Penny+Giles would code this controller as:

	series	stroke	LED's	belt colour
Controller type	PGF7000 /	1 /	1 /	1

Data Number P61799/3