by Cybernetic Solutions

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Infra-red Ball Trigger

tenpintec
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For Duckpin machines

BREAKOUT BOARD

Fuse 0.5A

Rectifier

PLUG PACK
POWER SUPPLY
24VAC

Note:
Black and white
are crossed over
at the Breakout end
of the main cable

+ − + −

+ − + −

30VDC pulse
to Accuscore
Curtain Wall
Chassis

LEDs - Breakout Board

1 x GREEN - Power ON

2 x YELLOW - On during output pulse

NOTE:

If the beam is interrupted for more than
1.5 seconds, the machine will not cycle.
This is a safety feature to guard against
machine cycling while a person or
lane machine is blocking the IR beam.

The YELLOW LED will be ON while beam is
interrupted.

The unit will reset to READY condition once
the IR beam is re-established..

LEDs - IR Trigger unit

1 x GREEN - Power ON

2 x GREEN - Fast Flash = Ready
 - Go out when beam is interrupted

2 x YELLOW - Fast Flash during output pulse
 - Stay on when beam is interrupted
 for more than 1 second (fault)

2 x RED - ON during output pulse

REFLECTOR

REFLECTOR

**DO NOT fit IR sensors
within range of sweep travel.**