

FC1000 PARTS SENSING FEEDER CONTROL

FEATURES

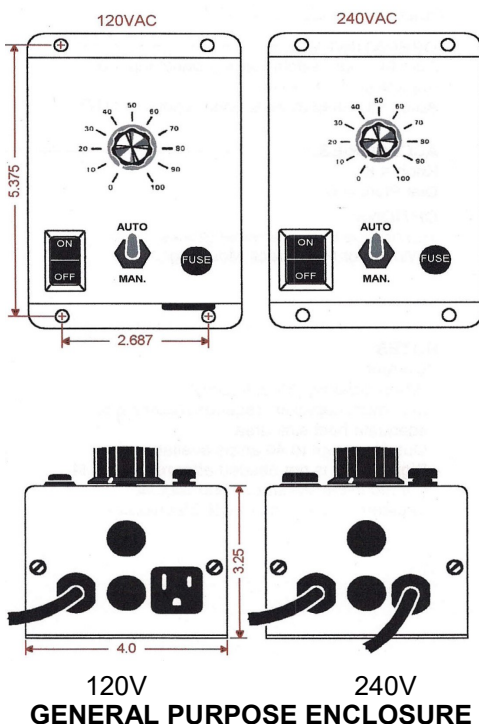
- Rugged heavy gauge steel enclosure resists vibration and harsh industrial environments .
- Removal of cover exposes all adjustments. No cable between cover and machine mounted base.
- L200/R100 Light source and receiver are epoxy sealed. Highly flexible cables tolerate tight bends, shock & vibration.
- Can be supplied with sensor of your choice including reflective, fiber optic and proximity types.
- P.C. Compatible –Accepts control signals from programmable controllers, etc.
- Feeder Bowl/Hopper interlock prevents bowl overflow.
- T.D. on and T.D. off are separately adjustable.
- 60/120 PPS output conversion.
- Sensor alignment L.E.D. and sensitivity adjustment.
- Light/Dark switch.
- Starting voltage trim.
- Soft Start option.
- Compatible with SR100 Power Controls.

DESCRIPTION/OPERATION

The FC1000 parts sensing feeder control with L200/R100 thru beam photo sensors provides total control for vibratory parts feeding systems. Each unit is supplied pre-wired with the sensor of your choice, ready for fast installation. Standard L200/R100 sensors are modulated to eliminate ambient light interference. Beam diameter can be restricted to .040" Dia. for small part detection. **Time delay on and off** are independently adjustable to achieve maximum feed rates. A bright L.E.D. indicates parts flow and sensor alignment. The hopper interlock feature prevents feeder bowl overflow by removing hopper supply power when the bowl is not running. Knockouts are provided for direct connection to **SR100** Hopper/Track controls for total system control.

Model FC1000-3WS accepts 3 wire 10-20 VDC sensors including fiber optic, thru-beam, reflective, metal sensing, and capacitive proximity types. The sensor of your choice can be factory installed. The **SOFT START** option is useful when feeding delicate parts that cannot tolerate abrupt feeder starts. Soft Start also provides longer feeder life, limiting the power surge at every turn on. Loud coil "hammering" is eliminated.

DIMENSIONS



ORDERING INFORMATION

ORDERING INFORMATION

SPECIFY:	FC1000	L200/R100	120V	
MODEL#:				
FC1000				
FC 1000-3WS				
SENSOR TYPE:				
L200/R100				
(.375" dia threaded)				
L200-NT/R100-NT				
(.250" dia non-threaded)				
For FC1000-3WS specify sensor to be used				
VOLTAGE				
120 or 240VAC 50/60Hz				
OPTIONS:				
Special enclosure type				
Soft Start				
Control Module Only				

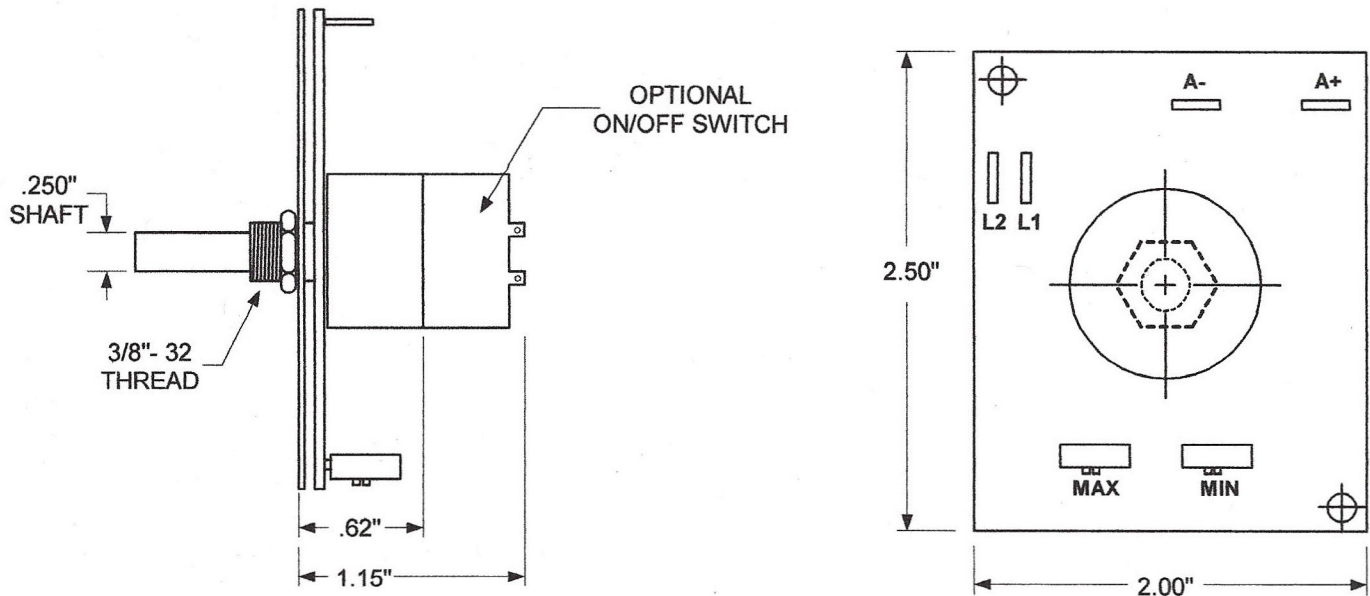


EDR Electronics, Inc.
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Tel (847) 640-6996 Fax (847) 640-9717

DC2 LOW PROFILE MOTOR CONTROL

For D.C. Motors 1/50 thru 1/4 H.P.

ORDERING INFORMATION



DESCRIPTION

The DC2 is designed for limited space applications. Its low profile design requires less than one inch of depth behind the front panel. Full wave integrated circuit control provides smooth adjustment with excellent regulation from zero to full speed.

FEATURES

- **Small Size (2.0" x 2.5" x .62" Deep)**
- **Min & Max Speed Trim**
- **Soft Start**
- **Smooth Operation Over Entire Speed Range**
- **Non-Clogging Performance**
- **Load and Line Voltage Compensation**

SPECIFY: DC2

MOTOR HORSEPOWER	1/8	90V	120V	SW	KD
MOTOR ARMATURE VOLTAGE (1)					
LINE VOLTAGE					
SWITCH ON MAIN POT (2):					
ACCESSORIES					

12, 24, 90, 130, 180VDC
120 or 240, OTHER SPECIFY
KNOB = K, DIAL PLATE = D

NOTES:

(1) 180VDC motors require 240VAC line
90-130VDC motors require 120VAC line
Special input/output voltage combinations are available (90 VDC from 240VAC line, 12VDC from 120VAC line, etc.)

(2) increases depth to 1.15"

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