



INTRODUCTION

The Poushali Electronics make Microprocessor based Digital zero Speed Controller has been designed to measure RPM and to protect the rotating equipment used for different process in all types of modern Industries, specially in the POWER, CEMENT, METAL & STEEL, MATERIAL HANDLING sectors.

The controller is front panel mounting type and hazard free in operation. It is designed with special Microprocessor which are reliable and give highly stable output, which provide steady and hazard free operation. All components used, are easily available to facilitate easy and cost effective maintenance.

The controller is having a 5 digits “Process Display” along with Relay LEDs that provide visual indication for energized relay . It is also having four ‘Push Switch’ to program and set the control set point.

SPECIFICATIONS

Signal Input	:	Digital Pulse
Re-transmission Output	:	4.0-20.0mA (Optional)
Potential Free Relay output	:	2Nos (1CO, 3Amps for 220VAC / 10Amps for 24V DC)
Power Supply	:	220V AC +/- 10%, 50 Hz (110V AC +/- 10%, optional)
Enclosure	:	Front Panel mounting, IP50, white plastic (ABS) enclosure
Size	:	96mm (W) x 48mm (H) x 120mm (D)
	:	
Cutout	:	92mm (W) x 45mm (H) /
Ambient Temperature	:	Up to 55 Deg.C

Connection Drawing

1	2	3	4	5	6	7	8
N	L	NC	C	NO	NC	C	NO
POWER 230V AC		RELAY-1			RELAY-2		
MODEL No - PE 08 (ZERO SPEED) PROXIMITY SWITCH INPUT							
SL No. -							
POUSHALI ELECTRONICS							
9	10	11	12	13	14	15	16

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