

ZENER 8000

Instruction Sheet

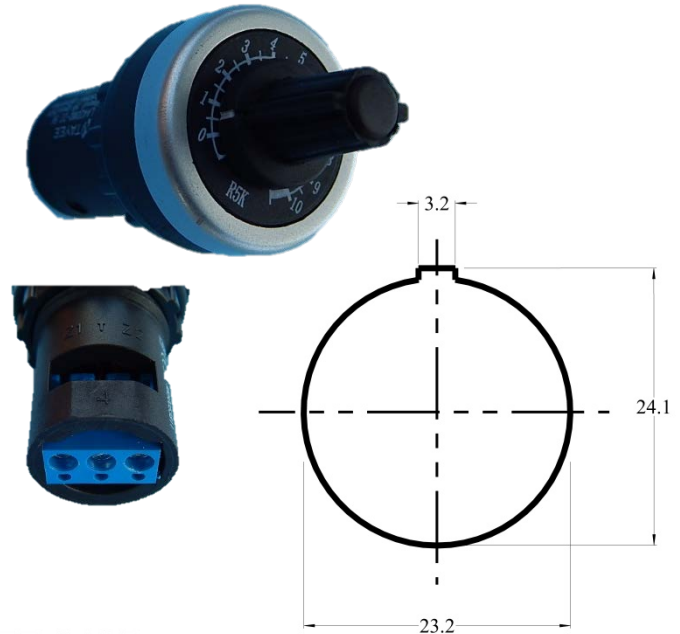
Part Number: Z800000 (Loose)
Z800001 (Fitted to Drive)
Description: IP65 Speed Potentiometer 5K
Compatibility: ZENER 8000
MSC-3 or older
Document Ref.: IM00149

Summary:

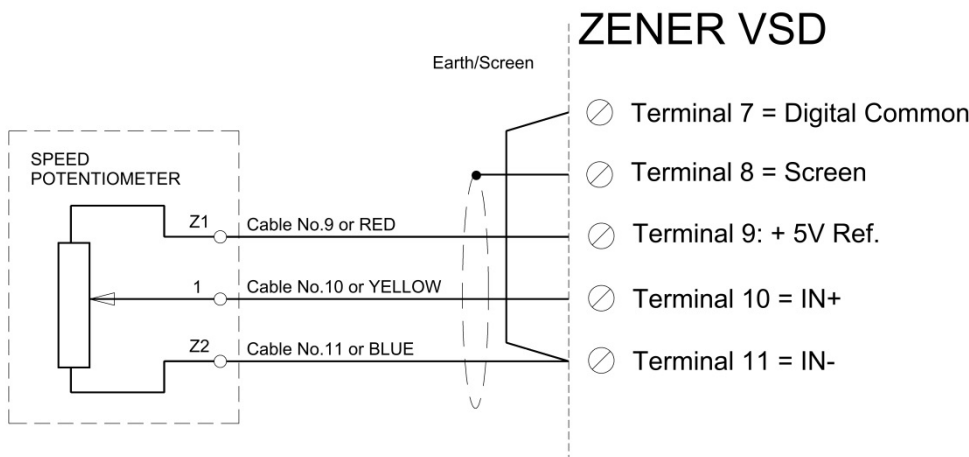
The potentiometer provides local/remote speed control or can provide the set point for PID or a pressure control system.

The potentiometer can be wired in the analogue input terminals (10/11) on the main control board or the analogue input terminals of the option boards.

+5VDC is sourced from terminal 9 on the main control board and the IN- must be connected to the digital common (0v) terminal 7.



Recommended ZENER 8000 connection:



ZENER 8000 Drive configuration:

1. Depending on the operating Mode (Remote/Local/PID etc) the 'speed reference' must point to where the Potentiometer is wired. Eg. AI(10,11) for above wiring.
2. The Analogue Input must be configured for 0-5VDC:
Eg. G02 AI(10,11) Config
G028 AI config > 0 to 5V

Other ZENER VSD Connections (typical):

Cable Number	Description	MSC-3 Connection	MSC-3 DSPII
9	Potentiometer +5v Ref.	Terminal 9	Terminal 9
10	Potentiometer +IN	Terminal 10	Terminal 10
11	Potentiometer -IN/COM	Terminal 11 & 12	Terminal 11 & 7