

## SD500 ACCELERATOR PEDAL FOOT SWITCH



### M-FORCE® ACCELERATOR PEDAL FOOT SWITCH

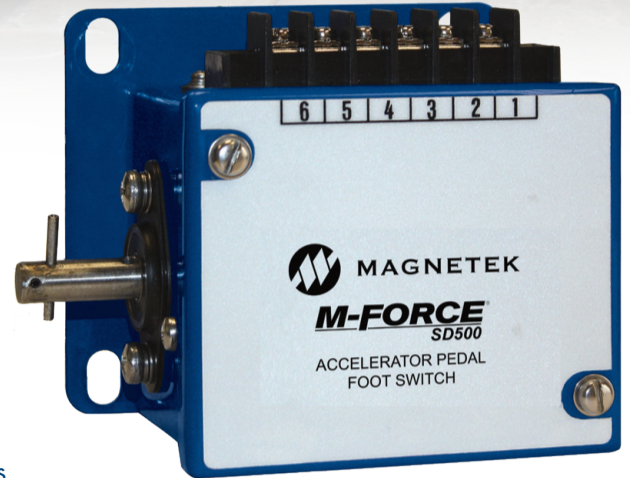
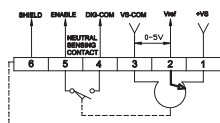
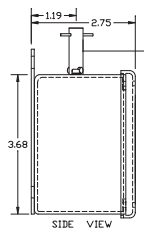
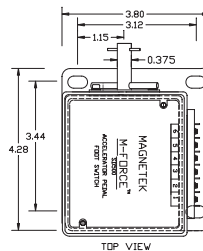
The M-FORCE® Accelerator Foot Switch provides enable and voltage reference signals to solid-state controllers such as variable frequency drives. This rugged, all metal device is ideal for harsh environments and off-road electric vehicles in material handling and mining. The gain and offset settings can be factory configured for specific applications, eliminating the risk of improper field adjustments and resulting in increased safety and reliability. The device offers a magnetic rotary sensor instead of a resistive potentiometer device but still uses an electro-mechanical neutral sensing snap switch for added safety and provides trouble free operational cycles.

### FEATURES

- Utilizes a non-resistive, hall effect rotary sensor, rated for 10 million rotational cycles
- Rugged 14 GA steel enclosure with neoprene cover gasket
- Stainless steel shaft
- Magnetic and EMI shielded (external shielded cable not included)
- Neutral sensing contact for added safety
- Drop in replacement for similar devices
- DC input is polarity protected
- Uni-directional movement 0-90 degree with no electrical or mechanical setting adjustment necessary
- Simple replacement and troubleshooting

Contact us today at 800.288.8178 for a custom power solution to optimize your mining application.

### Foot Switch Dimensions



### SPECIFICATIONS

Input: 15-25VDC  
 Output: 0-5, 0-10 VDC, other options available upon request  
 Neutral: N.O. enable, 1A dry contact  
 EMI: 30v/m 10khz to 1000mhz@3m  
 Shock: 5g  
 Operations: Tested over 5,000,000 cycles  
 ESD Open Air: 8 KV  
 ESD Contact: 4 KV  
 Temp: -20 to +70°C



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