

The unit is a compact and robust limit switch box featuring a die-cast aluminium enclosure. It is designed for harsh industrial environments and provides a high level of protection with an IP67 rating. The enclosure is finished with a black polyester coating and is supplied with two M20 cable entries. A high-visibility optical position indicator (beacon) is integrated for clear open/closed valve indication.

The cover screws are captive, ensuring they remain attached to the housing during installation and maintenance. The switch box is mounted to the actuator using a standard stainless steel NAMUR mounting bracket and includes a stainless steel shaft for durability and corrosion resistance.

Internally, the unit is equipped with two Pepperl+Fuchs NJ2-V3-N proximity sensors (2-wire type), providing fully open and fully closed position feedback. These sensors are certified for hazardous areas with ATEX approval (IIG EEx ia IIC T6).

Adjustment of the open and closed positions is achieved via a spring-loaded cam system, allowing quick and tool-free setting. The switch box operates on an 8 V DC supply (2-wire configuration) and is suitable for use in ambient temperatures ranging from -20 °C to +80 °C.

Key features:

- Powder coated aluminium switchbox
- IP67 rated enclosure
- 2x M20 cable entries
- Beacon optical indicator
- Stainless steel shaft
- 2x P&F NJ2-V3-N Proximity Sensors
- Proximity sensors are rated ATEX IIG Eexia IIC T6
- Stainless steel Namur standard mounting bracket
- Easy to install
- Spring loaded switch adjustment
- Operating voltage: 8V DC (2 wire)
- Ambient temperature range: -20°C to +80°C

