

## Shako SPU225 2/2 Way Solenoid Valves

### Shako SPU225 316 Stainless steel Solenoid Valves: Versatile and Reliable Solutions for Industrial Applications

Shako has introduced the [SPU225 series stainless solenoid valves](#), designed to offer high reliability and versatility for a wide range of industrial applications. Available in thread sizes from 3/8" to 2", these solenoid valves operate within a working pressure range of 0.5 to 15 Bar (0.5 to 10 Bar differential), making them suitable for gaseous and fluid applications with viscosities up to 50 centistokes.

#### Advanced Sealing and Temperature Range

The SPU225 series features multiple sealing options, including NBR, VITON, EPDM, and HNBR, accommodating various industrial environments. The choice of sealing material determines the media temperature range, which extends from -40°C to +180°C, ensuring adaptability for both low and high-temperature applications.

#### Customisation and Additional Options

Shako offers additional customization options for the SPU225 series, including flanged PN16, ANSI150Lb, and JIS10K connections. The valves are available with silver shading ring or without any shading ring for RO; Demineralised and pure water and can be specially degreased for oxygen use, enhancing their suitability for specialised applications.

#### Reliable Coil and Voltage Compatibility

Each SPU225 valve is equipped with a [Nass Magnet System 13](#) IP65 Class H DN45650A coil and connector as standard. The series supports a broad range of voltage options, including:

- **DC:** 12V, 24V, 48V, 110V, and 220V
- **AC (50/60Hz):** 12V, 24V, 36V, 48V, 110V, 230V, and 380V

#### ATEX-Certified Models for Hazardous Environments

For industries operating in hazardous environments the [SPU225 solenoid valve](#) is ATEX approved according to 94/9/EC certificate number Sira 09ATEX6180X, and also complies with essential health and safety requirements EN 13463-1:2001 and EN 1364-5:2003.

An [ATEX certified solenoid coil](#) can be fitted that conforms to EExmIIT4 Temperature Class T4 T130°C, Ex mb IIC T4, and Gb Ex mb tb IIIC T130°C Db standards. Suitable for hazardous zones 21 and 22, they support a maximum media temperature of +80°C and are readily available from stock.

#### Configuration Options for Varied Applications

The SPU225 solenoid valves are available in multiple configurations, including:

- **2/2 Way Normally Closed**
- **2/2 Way Normally Open**
- **2/2 Way [Latching / Bi-stable](#)** (Available in 6V DC [accepting 3-9V] or 12V DC [9-15V] for energy-efficient systems.)

#### Certifications and Specialized Applications

The Shako SPU225 series can be fitted with a WRAS approved EPDM seal (**WRAS Approval 2304324**), ensuring compliance for potable water applications which is also designed to prevent water hammer effects with controlled opening and closing time ranging from 0.5 to 3 seconds, depending on port size.

With a strong commitment to durability and performance, Shako SPU225 solenoid valves are engineered to meet the rigorous demands of diverse industrial applications. These valves provide optimal functionality and reliability, ensuring seamless operation across various challenging environments.

