



**Air solenoid valve,  
NVF3-MOH-5/2-K-1/4-EX 535987**

URL:<https://www.sxplc.com/air-solenoid-valve-nvf3-moh-5-2-k-1-4-ex-535987>

**Product data sheet**

- **Valve function** 5/2 or 3/2, monostable
- **Actuation type** Electrical
- **Width** 53 mm
- **Standard nominal flow rate** 900 l/min
- **Pneumatic working port** Sub-base
- **Operating voltage** Via solenoid coil, to be ordered separately
- **Operating pressure** 0.2 MPa ... 1 MPa
- **Operating pressure** 2 bar ... 10 bar
- **Structural design** Plate seat
- **Reset method** Mechanical spring
- **CE marking (see declaration of conformity)** as per EU explosion protection directive (ATEX)
- **Explosion protection certification outside the EU** EPL Db (GB) EPL Gb (GB)

- **UKCA marking (see declaration of conformity)** acc. to UK EX instructions
- **ATEX category gas** II 2G
- **ATEX category for dust** II 2D
- **Type of ignition protection for gas** Ex h IIC T6 Gb
- **Type of (ignition) protection for dust** Ex h IIIC T70°C Db
- **Explosive ambient temperature**  $-5^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$
- **Nominal width** 7 mm
- **Exhaust air function** With flow control option
- **Sealing principle** Soft
- **Mounting position** Any
- **Conforms to standard** VDI/VDE 3845 (NAMUR)
- **Manual override** Detenting Non-detenting
- **Type of control** Pilot-controlled
- **Flow direction** Non-reversible
- **Symbol** I00991831
- **Lap** Underlap
- **b-value** 0.33
- **C value** 4.2 l/sbar
- **Switching time off** 100 ms
- **On switching time** 50 ms

