

GENERAL FEATURES

- TORK series S8811 (N.A) solenoid valves are 2/2 way
- Suitable for non-aggressive liquids (water, light oil etc...)
- gaseous fluids (air, oxygen gas and hydrogen gas etc...)
- Minimum operating pressure differential 0 bar
- Wide pressure ratings, range of flow rate and orifice options
- TORK solenoid valves satisfy relevant 97/23/EC, Pressure Equipment Directive (PED) and 2006/95/ECC Low Voltage Directive (LVD) Coils interchangeable
- Solenoid valves must be used with filtered fluids.
- Solenoids valve can be mounted in any position without affecting operation; vertical with coil upwards preferred
- Standard pipe connection is G (BSP) (ISO 228-1) and on request; other pipe connections are available (NPT (ANSI 1.20.3))**

ELECTRICAL CHARACTERISTICS

- Continuous Duty:** ED %100
- Coil Insulation Class:** H (180°C)
- Coil Impregnation:** Polyester Fiber Class
- Coil Encapsulation Material:** Fiber Glass Reinforced
- Ambient Temperature:** from -10°C, +60°C
- Protection Degree:** IP65 (ISO 60529) on request; IP68
- Electric Plug Connection:** DIN 46340 3-poles connector (DIN 43650)
- Connector Specification:** ISO 4400 / EN 175301-803 Form A, Spade Plug (Cable Ø6-8 mm)
- Electrical Safety:** IEC 335
- Standard Voltages:** For AC 12V, 24V, 48V, 110V, 230V
DC 12V, 24V, 48V, 110V
Other voltages on request;
- Voltage Tolerances:** For AC -15%, +10%
For DC -5%, +10%
- Frequency:** 50 Hz, other frequencies on request; (60 Hz...)
Other request; connector with LED
Specify coil voltage with order

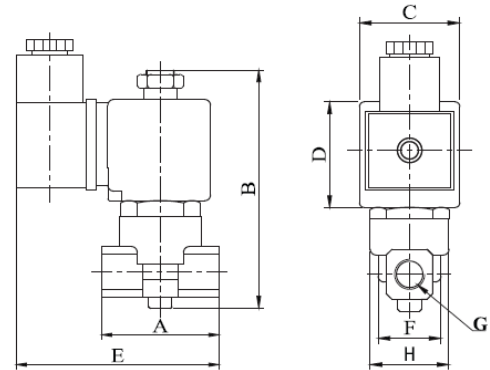
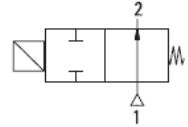
MATERIALS ON CONTACT WITH FLUID

- Body:** Brass
- Sealing:** EPDM
- Core, Tube, Spring:** Stainless Steel

TECHNICAL FEATURES

- Max Viscosity:** 5°E (~37cST or mm²/s)
- Response Time:** Opening Time: 400 ms to ~1600 ms
Closing Time: 1000 ms to ~2000 ms

Normally Open



Dimensions (mm)

G	A	B	C	D	E	F	H
1/8"	40	90	32	39	78	22.3	25.6
1/4"	40	90	32	39	78	22.3	25.6

Valve Type /Order no	Connection Size	Orifice Size	Pressure min/max		Kv	Fluid Temperature min/max		Seal	Weight
S8811	G	mm	bar	bar	lt/min	°C			kg
S8811.00	1/8"	1,8	0	12	1,6	-10	+140	EPDM	0,36
S8811.00	1/8"	2,5	0	10	3,2	-10	+140	EPDM	0,36
S8811.00	1/8"	3	0	5	4,6	-10	+140	EPDM	0,36
S8811.01	1/4"	1,8	0	12	1,6	-10	+140	EPDM	0,35
S8811.01	1/4"	2,5	0	10	3,2	-10	+140	EPDM	0,35
S8811.01	1/4"	3	0	5	4,6	-10	+140	EPDM	0,35