

◆ Main Specifications

Valve Type	Direct Operated Poppet
Valve Operation	NC type
Fluid	Air, Nitrogen, Argon ^{*1}
Operating Pressure Range	0 ~ 0.7 (MPa)
Connection Bore Diameter	Rp 3/8
Proof Pressure	1.05 (MPa)
Fluid Temperature	5 ~ 60 (°C)
Ambient Temperature	5 ~ 50 (°C)
Ambient Humidity	60 ~ 90 (%)
Flow Factor Cv	1.7
Orifice Diameter	14.0 (mm)
Valve Effective Cross Section	30 (mm ²)
Leakage ^{*2}	120 (cc/min) ^{*3}
Mounting Orientation	at will
Mass	300 (g)
Life Cycle/Durability ^{*4}	200 million (cycles)
Material of Contact Area	Body: Aluminium (ADC 12)
	Seal: Nitrile rubber (H-NBR)
Electrical Specifications	
Working Voltage	48 (V DC)
Holding Voltage	8 (V DC)
Allowable Voltage Fluctuation	± 10 (%)
Duty Cycle	50 (%) or less
DC Resistance	30 (Ω)
Heat-Resistant Class	Class B (130 °C)



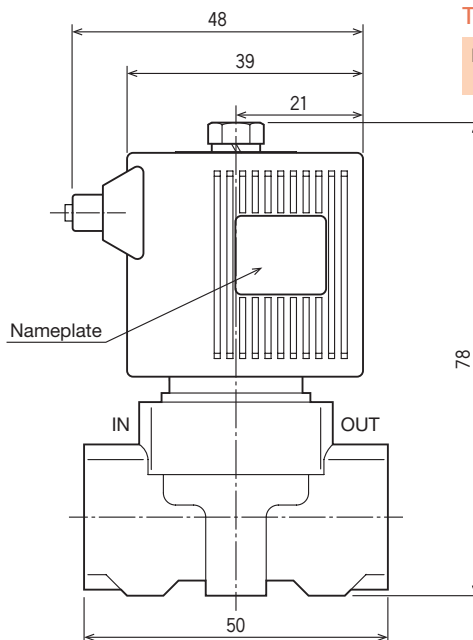
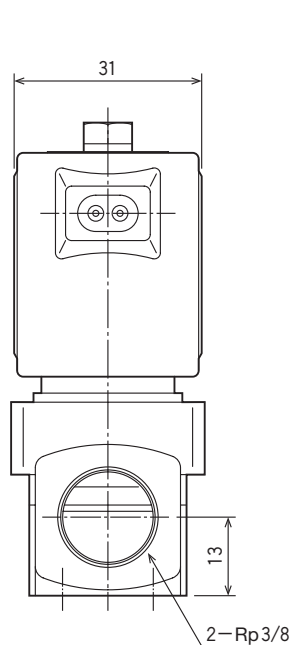
* 1 : Use a non-corrosive liquid as a contact material.

* 2 : Leakage is the sum of internal and external leakage.

* 3 : Subject to a primary measuring pressure of 0.5 MPa.

* 4 : Based on Takano's standard test environment.

◆ External Dimensions (mm)



Terminal Specifications

Lead Wire Length (mm) : 300
AWG Size : 20

