

◆ Main Specifications

Control Flow Range	2 ~ 150 (L/min)
Maximum Output Current	180 (L/min)
Valve Type	Direct Operated Poppet
Valve Operation	NC type
Fluid	Air, Oxygen, nitrogen, hydrogen, helium, carbon dioxide, methane, etc.*1
Operating Pressure Differential Range	0.2 ~ 0.5 (MPa)
Connection Bore Diameter	Rc 3/8
Proof Pressure	1.0 (MPa)
Fluid Temperature	5 ~ 50 (°C)
Ambient Temperature	5 ~ 50 (°C)
Ambient Humidity	30 ~ 85 (%)
Flow Factor Cv	0.26
Orifice Diameter	7.4 (mm)
Leakage*2	100 (cc/min) or less*2
Mounting Orientation	at will*3
Mass	420 (g)
Life Cycle/Durability*4	2,500,000 (cycle)
Material of Contact Area	SUS
	FKM
Material of Gas Contact Area	SUS 316, Electromagnetic SUS, FKM
Electrical Specifications	
Rated Voltage	12 (V DC)
Control Voltage Range	0 ~ 110 (mA)
Heat-Resistant Class	Class A (105°C)



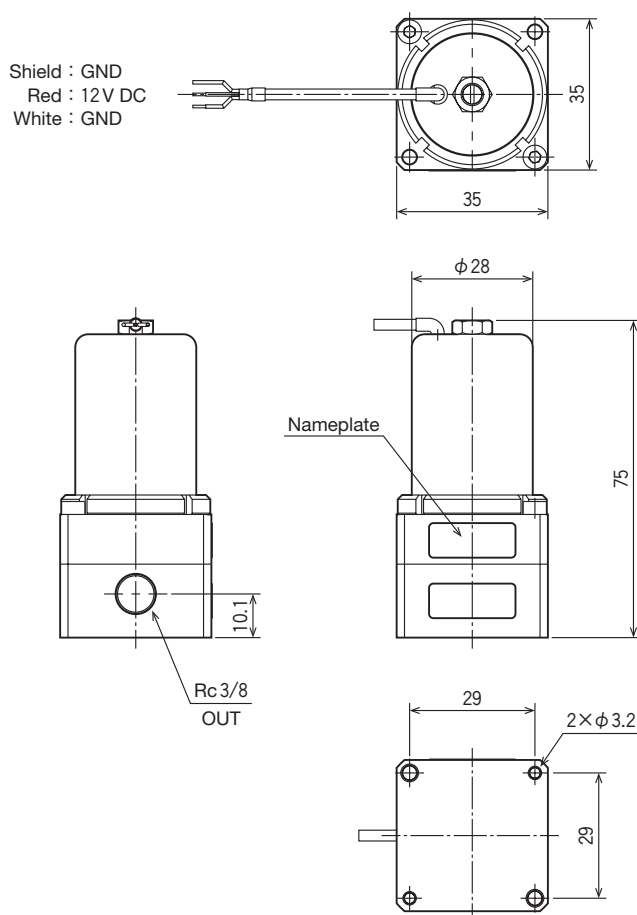
* 1: Use a non-corrosive liquid as a contact material.

* 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) : 255
AWG Size: 28