

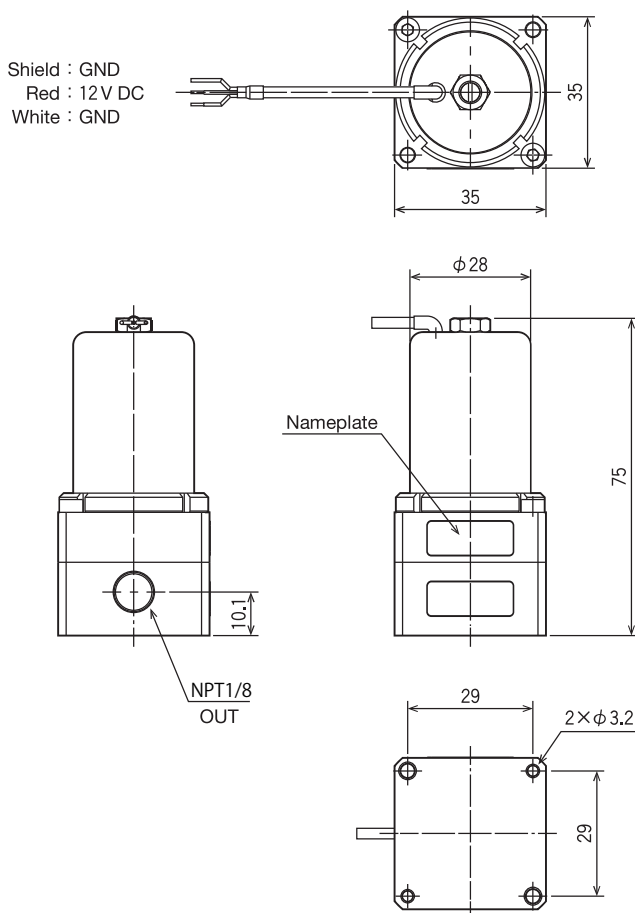
◆ Main Specifications

| | |
|---------------------------------------|--|
| 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 | NPT1/8 |
| 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

