

| Model | UR-Z714(-UC)(-B) | | UR-Z724(-UC)(-B) | |
|--|---|--|--|--|
| Seal material*1 | M: Metal | | | |
| Valve state when there is no electric current (Normal valve state) | O: Open | C: Closed | O: Open | C: Closed |
| Types of fluids | Gas | | | |
| Pressure control range | Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A) 7.5 to 150 kPa (A) | Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G) * For the (-B) type, only 10 to 500 kPa is supported Absolute pressure type: 10 to 300 kPa (A) 7.5 to 150 kPa (A) | Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A) 7.5 to 150 kPa (A) | Gauge pressure type: 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A) 7.5 to 150 kPa (A) |
| Pressure adjustment valve flow rate N2 equivalent F.S. flow rate value | Pressure conditions: One-dimensional pressure 50 kPa (G); two-dimensional pressure atmospheric pressure [1013 hPa (A)] Under the pressure conditions listed above, 1 LM <0.0032>/5LM <0.016> * < > = Cv values | | Pressure conditions: One-dimensional pressure 50 kPa (G); two-dimensional pressure atmospheric pressure [1013 hPa (A)] Under the pressure conditions listed above, 10 LM <0.0032> * < > = Cv values | |
| Accuracy | ± 0.5% F.S. | | | |
| Max. one-dimensional pressure | Gauge pressure type: 1 MPa (G) Absolute pressure type: With 300 kPa (A), 400 kPa (G) With 150 kPa (A), 250 kPa (G) | Gauge pressure type: 1 MPa (G) * For the (-B) type, up to 550 kPa (G) Absolute pressure type: With 300 kPa (A), 400 kPa (G) With 150 kPa (A), 250 kPa (G) | Gauge pressure type: 1 MPa (G) Absolute pressure type: With 300 kPa (A), 400 kPa (G) With 150 kPa (A), 250 kPa (G) | Gauge pressure type: 550 kPa (G) Absolute pressure type: With 300 kPa (A), 400 kPa (G) With 150 kPa (A), 250 kPa (G) |
| Minimum differential pressure | Gauge pressure type: 50 kPa (d); absolute pressure type: 100 kPa (d) | | | |
| Differential pressure | Gauge pressure type: With 950 kPa (G), 1.5 MPa (G); with 500 kPa (G), 1 MPa (G) Absolute pressure type: With 300 kPa (A), 450 kPa (G); With 150 kPa (A), 300 kPa (G) | | | Gauge pressure type: With 500 kPa (G), 1 MPa (G) Absolute pressure type: With 300 kPa (A), 450 kPa (G) With 150 kPa (A), 300 kPa (G) |
| Leak Integrity | ≤ 5 x 10 ⁻¹² Pa·m ³ /s (He) | | | |
| Operating temperature | 5 to 50°C (accuracy guaranteed between 15 to 45°C) | | | |
| Materials at gas contact area | SUS316L | | | |
| Standard Fitting | 1/4 inch VCR type | | | |
| Digital interface | DeviceNet™ Protocol | | | |
| Drive power source | ODVA standard compliant | | | |
| Mounting orientation | Free | | | |

*1 (-B): Provides one-dimensional pressure adjustment (back pressure type).

* Internal surface polishing is available for metal seal type models. (A): Absolute pressure; (G): Gauge pressure; (d): Differential pressure

* LM is a symbol indicating gas flow rate (L/min at 25°C, 101.3 kPa).