

246 Series, Dry Armature – 2/2 Normally Closed

Specifications	
Function (single acting)	
Maximum Viscosity	Max. 21cST (3 °E)
Body Material (DSR)	Brass CW617N (EN 12165)
Body Material (DSQ)	POM (Natural hostaform C13021)
Tube	Stainless Steel AISI 304
Flange	POM
Plunger	Stainless Steel 1.4105 EN 10088 (AISI 430F) or equivalent
Top Stop	Stainless Steel 1.4105 EN 10088 (AISI 430F)
Springs	Stainless Steel AISI 302
Seal Material (Std)	Silicone FDA compliant
Vent pipe length (Std)	85mm
Connection Type (Std)	see table
Shading Ring	Copper
Electrical Characteristics	
Standard Coil Voltage DC (=)	24 V
Standard Coil Voltage AC 50 Hz (-)	24 V, 110 V, 200 V, 230 V
Standard Coil Voltage AC 60 Hz (-)	24 V, 120 V, 220 V, 240 V
Voltage Tolerance	+10% to -15% (AC)
	+10% to -5% (DC)
Duty Cycle	100% ED
Protection Class	IP65 (EN 60529) with plug and gasket correctly fitted *
Electrical Connection	to industrial form B
Coil Insulation	Class F 155 °C
Power Rating (Standard)	AC 10 VA (holding) AC 16 VA (inrush) DC 10 W

How to use the flow chart

1. Select the required flow.
2. Note the corresponding pressure drop.
3. Based on where the two points intersect select the most appropriate model.

Features and Benefits

- Direct Acting
- Robust construction for industrial applications
- Zero pressure rated
- Stainless steel AISI 430F operators with low residual magnetism
- Coils tested 100% in compliance to RoHS directive and to relevant international standards
- High quality seal material
- Total separation between internal parts and medium
- Flow regulation screw as standard
- Response time 5 to 25 ms



Body Material	Connection Type		OPD (bar)		Seal Material	Valve Code ²
	Left Hole	Right Hole	AC Voltages	DC Voltages		
Brass	cap	¼" G	0 - 0.2	0 - 0.1	Silicone	246DSRE0
	¼" G	cap				246DSRE0E
	¼" G	¼" G				246DSR00
POM	closed	¼" G	0 - 0.2	0 - 0.1	Silicone	246DSQG0
	¼" G	closed				246DSQ0G
	¼" G	¼" G				246DSQ00

² Product subject to phase-out, please contact sales office for availability.

Options Available

Seal Material ¹ and Media Temperature Range	Media	Ambient Temperature Range	
		Min	Max
Silicone FDA compliant (-10 °C to +130 °C)	Water, food and beverages	-10 °C	+50 °C

¹ See corrosion reference guide and sealing solutions for material compatibility.

Flow chart



