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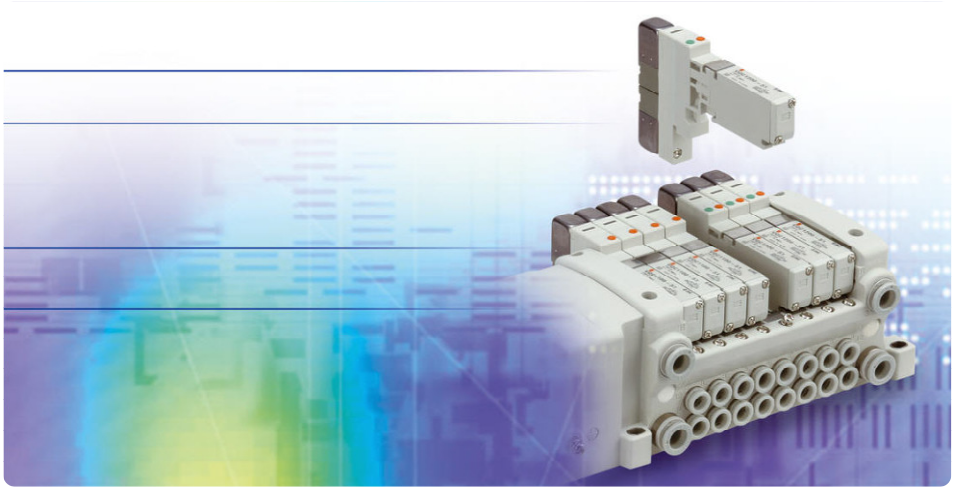


Series new VQC1000/2000
5 Port Solenoid Valve
Connector Type Manifold, Metal Seal / Rubber Seal

Main Technical Characteristics

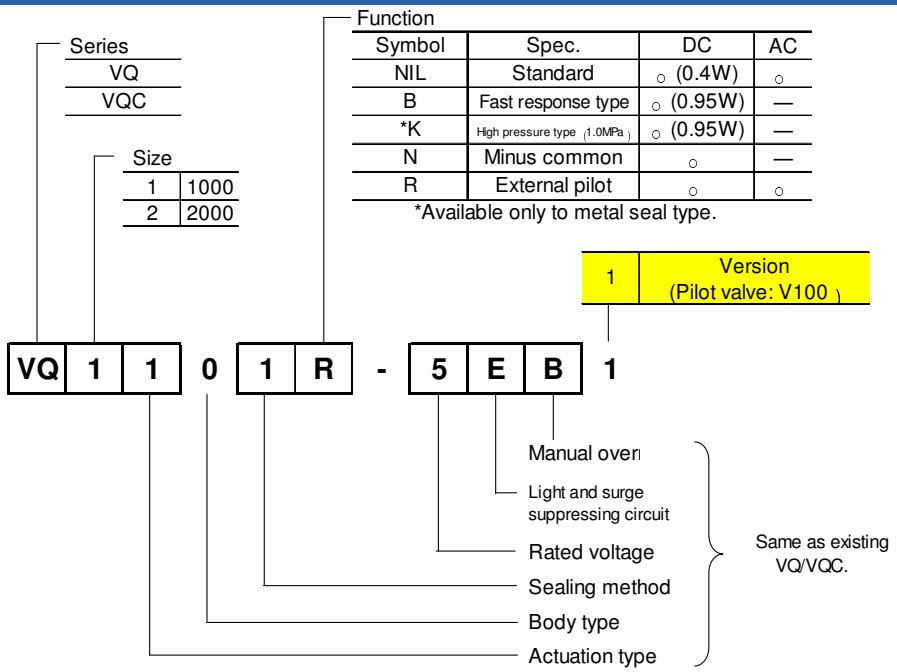
Valve type			Metal Seal		Rubber Seal	
			New VQC	Old VQC	New VQC	Old VQC
Pilot valve			***V100***	***VQ100***	***V100***	***VQ100***
Valve specifications	Max. Operating pressure		0.7 MPa (standard) 1.0 MPa (high-pressure type)		0.7 MPa	
	Min. operating pressure	Single solenoid	0.1 MPa		0.15 MPa	
		Double solenoid	0.1 MPa			
		3-position	0.1 MPa		0.2 MPa	
		4-position	---		0.15 MPa	
	Ambient and fluid temperature		-10 to 50 ºC			
	Manual override		Push type, locking type semi-standard			
Response time	*Standard type*		***15 ms** or less*	***12 ms** or less*	***15 ms** or less*	***12 ms** or less*
	Optional types		***Option B:*** ***12 ms** or less*	***Option Y:*** ***15 ms** or less*	***Option B:*** ***12 ms** or less*	***Option Y:*** ***15 ms** or less*
Options			***B**, K, N, R*	*K, N, R, **Y***	***B**, K, N, R*	*K, N, R, **Y***
Dimensions			86/117L x ***54.5H** x* 26.3W	86/117L x ***54.3H** x* 26.3W	86/117L x ***54.5H** x* 26.3W	86/117L x ***54.3H** x* 26.3W

NOTE *Available options in old/new VQC:*

- ***B**: high-speed response type (high-wattage type)*
- ***K**: high-pressure type (high-wattage type)*
- ***N**: negative common*
- ***R**: external pilot*

- ***Y**: low-wattage type*

General Electrical Specifications

Valve type		New VQC	Old VQC
Rated coil voltage		24 VDC	
Power consumption	*24VDC*	***Standard:** 0.4WDC, 17mA* ***High-speed response**: 0.95WDC, 40mA*	***Standard:** 1.0WDC, 42mA* ***Low-wattage type**: 0.5WDC, 21mA*
	12 VDC	***Standard**: 0.4WDC, 34mA* ***High-speed response**: 0.95WDC, 80mA*	***Standard:** 1.0WDC, 83mA* ***Low-wattage type:** 0.5WDC, 42mA*
Allowable voltage fluctuation		± 10% of rated voltage	

How to order