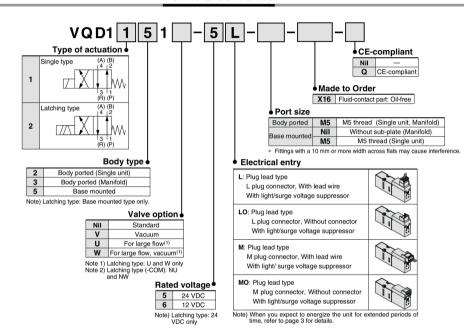
4 Port Solenoid Valve **Direct Operated Poppet Type**

VQD1000 Series



How to Order Valves











M plug connector



M plug connector Body ported

Standard Specifications

Ctaridar a Opcomoditorio					
Item		Туре	Standard single type	Large-flow single type	Large-flow latching type
Valve specifications	Valve construction		4 port direct operated poppet valve		
	Fluid		Air		
	Maximum operating pressure		0.7 MPa		
	Minimum operating pressure/Vacuum		0 MPa / -101.2 kPa		
	Response time(1)		ON: 4ms±1,	OFF: 2ms±1	10ms or less
	Ambient and fluid temperature		-10 to 50°C (2)		
	Lubrication		Not required		
	Manual override		Non-locking	g push type	Locking type
	Impact/Vibration resistance(3)		150/30 m/s ²		
	Mounting position		Unrestricted		
	Enclosure		Dust tight		
	Weight		34 g		37 g
Electricity specifications	Coil rated voltage	DC	24 V,	12 V	24 DC
	Allowable voltage fluctuation		±10% of rated voltage		
	Coil insulation type		Class B or equivalent		
	Power consumption	DC	2 W	3.2 W (Energy saving type) (Inrush: 3.2 W, Holding: 1.0 W) (4)	2 W
	Electrical entry		L plug connector, M plug connector (With indicator light and surge voltage suppressor)		

Note 1) Based on response time measurement, JIS B8419: 2010. (Coil temperature: 20°C, pressure: 0.5 MPa,

Note: 1) passed on response time measurement, sho beat 15: 2010. (Cont emperature: 20°C, pressure: 0.5 MPa, at rated voltage, with light and surge suppressor, value at operation excluding restart period). The period immediately after a restart may be delayed for about 1 mises depending on operating conditions.

Note 2) Operating the valve at fow temperatures may cause condensate to form, therefore dry air must be used. Note 3) Impact resistance:

No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and ammature in both energized and.

de-energized states every once for each condition. (Values at the initial period) Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz. Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period) Note 4) For the start-up time, refer to the energy saving type's electrical power waveform on page 1399 "Wiring

