## Series variation TVG1/TVG2 Series

			Incorporated valve model No.	Position Number of solenoids Circuit diagram code	Valve per	rformance	Sole	Solenoid position					A/B Pi			ing port (mm)				A/B piping port (inch		) Ele	lectrical connections						sessec			
External appearance of Series					0	2-po	2-position 3-position						Push-in fitting		L	Push-in fitting L-type (upward, downward)			Р	Push-in fitting			Serial transmission			Spacer			facturing processes			
		Flow characteristics [dm³/(s•bar)]			e size					pate						T		T					block	OPP8	RT	υ				manu		
					Applicable cylinder bore (a)	Single	Double	All ports closed	ABK connection	Two 3-port valves integrated				904	90	88 ,	ø.	- 8 - 9	808	ø1/8"	ø5/32"	ø1/4" ø5/16"	Common terminal block	DeviceNet CC-LINK EtherCAT EtherNet/IP PROFINET CC-Link IE Field CC-Link IE TSN IO-Link IO-Link Wireless		Voltage	Supply, exhaust	Pilot check valve	Regulator	Compatible with rechargeable battery	Listed page	
					A Ap																									P4		
Reduced wiring manifold Base piping	Reduced wiring type		TVG1	(Example: A side valve: NC, B side valve: NC)  b 2 (B)  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	0.56 to 1.1	up to ø40					•	•		•	•	•	1	•	•		•	•		•				•	•	•	•	
		3-port	TVG2		1.8 to 2.2	up to ø80					•	•			•	•	•	•	•	•			• •	•			- 24 VDC	•	•		•	
		5-port	TVG1	5-port valve     2-position Single	0.59 to 1.3	up to ø40	•	•	•	•		•		•	•	•	(	•	•		•	•		•				•	•	•	•	4
			TVG2		1.8 to 2.9	up to ø80	•	•	•	•		•			•	•	•	•	•	•			• •	•				•	•		•	
	Serial transmission	3-port	TVG1	(R <sub>1</sub> )(P)(R <sub>2</sub> )	0.56 to 1.1	up to ø40					•	•		•	•	•	1	•	•		•	•			•			•	•	•	•	
			TVG2		1.8 to 2.2	up to ø80					•	•			•	•	•		•	•			• •		•		24 VDC	•	•		•	
		5-port	TVG1		0.59 to 1.3	up to ø40	•	•	•	•	•	•		•	•	•	(	•	•		•	•			•		- 24 VDC	•	•	•	•	4
			TVG2	a M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.8 to 2.9	up to ø80	•	•	•			•			•	•	•		•	•			•		•			•	•		•	
	With interface for remote I/O connection	3-port	TVG1	(R <sub>1</sub> )(P)(R <sub>2</sub> ) <b>3-position</b> A/B/R connection  4 2 (A)(B)	0.56 to 1.1	up to ø40					•	•		•	•	•		•	•		•	•				•		•	•	•		
			TVG2	a	1.8 to 2.2	up to ø80					•	•			•	•	•		•	•			•			•	24 VDC	•	•			52
	Remote I/O is required separately (RT Series).	5-port	l	• 3-position P/A/B connection	0.59 to 1.3	up to ø40	•	•	•	•		•		•	•	•	•	•	•		•	•				•	24 VDC	•	•	•		ა∠
			TVG2	**************************************	1.8 to 2.9	up to ø80	•	•	•			•			•	•	•		•	•			•			•		•	•			