









## Series variation

## Explosion proof general purpose direct acting, pilot operated 2, 3 port solenoid valve (explosion proof general purpose valve)

Explosion proof	No. of port	Model	Structure	Actuation	Working fluid					
					Air	Low vacuum	Water	Kerosene	Oil (50 mm <sup>2</sup> s or less)	Steam
d2G4	2 port		Direct acting	NC (normally closed) type	●	●	●	●	●	
				NO (normally open) type	●	●	●	●	●	
	3 port		Direct acting	Universal type	●	●	●	●	●	
				NC pressurization type	●	●	●	●	●	
				NO pressurization type	●	●	●	●	●	
	2 port		Pilot operated	NC (normally closed) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
			Piston structure	NC (normally closed) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
			Pilot operated	NC (normally closed) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
			Diaphragm structure	NC (normally closed) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
				NO (normally open) type	●		●	●	●	
d2G2	2 port		Direct acting	NC (normally closed) type	●		●	●	●	●
				NO (normally open) type	●		●	●	●	●
			Pilot operated	NC (normally closed) type	●		●	●	●	●
				NO (normally open) type	●		●	●	●	●
				NC (normally closed) type	●		●	●	●	●
				NO (normally open) type	●		●	●	●	●

### ● Explosion proof specifications

Explosion proof structure	Electromagnet model no.	Certification number	Port	Coil type	Ambient temperature	Fluid temperature	Applicable solenoid valve
d2G4	EB21-G	No. T64349	2	B	-10 to 50℃	-10 to 60℃	● Direct acting (AB41E4 Series) ● Pilot operated Piston structure (AP11E4 Series) Diaphragm structure (AD11E4 Series)
	EB31-G	No. T64346	3				● Direct acting (AG41E4 Series) ● Direct acting (AG43E4 Series) ● Direct acting (AG44E4 Series)
	EB22-G	No. T64352	2				● Direct acting (AB42E4 Series) ● Pilot operated Piston structure (AP12E4/AP22E4 Series) Diaphragm structure (AD12E4/AD22E4 Series)
	EB23-G	No. T64355					● Diaphragm kick type (ADK11E4 Series)
	EB24-G	No. T64358					● Diaphragm kick type (ADK12E4 Series)
d2G2	EH21-G	No. T64351	2	H	-10 to 40℃	5 to 181℃	● Direct acting (AB41E2 Series) ● Pilot operated (AP11E2/AP21E2 Series)
	EH22-G	No. T64354					● Pilot operated (AP12E2/AP22E2 Series)

\* Other specifications include products which can be used at an ambient temperature of 60°C and fluid temperature of 70°C. Contact CKD for more information.

	Port size											Page
	Rc1/4	Rc3/8	Rc1/2	Rc3/4	Rc1	Rc1 1/4	32 flange	Rc1 1/2	40 flange	Rc2	50 flange	
	●	●										360
	●	●										360
	●	●										366
	●	●										366
	●	●										366
			●	●	●							370
			●	●	●							370
						●	●	●	●	●	●	374
						●	●	●	●	●	●	374
			●	●	●							380
			●	●	●							380
						●	●	●	●	●	●	384
						●	●	●	●	●	●	384
			●	●	●							390
			●	●	●							390
	●	●										394
			●	●	●							398
			●	●	●							398
						●	●	●	●	●	●	402
						●	●	●	●	●	●	402

HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/ AD
APK/ ADK
For dry air
Explosion proof
HVB/ HVL
SAB/ SVB
NP/NAP/ NVP
CHB/G
MXB/G
Other G.P. systems
PD/FAD/ PJ
CVE/ CVSE
CPE/ CPD
Medical analysis
Custom order

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2, 3 port solenoid valve