








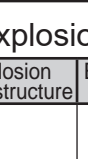



Series variation

Explosion-proof multi-fluid direct acting/pilot operated 2, 3-port solenoid valve
Explosion-proof general purpose

EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/AD
APK/ADK
DryAir
EX-XPLNprf
XPLNprf
HVB/HVL
S◇B/NAB
LAD/NAD
Water-Rela
NP/NAP/NVP
SNP
CHB/G
MXB/G
Other valves
SWD/MWD
DustColl
CVE/CVSE
CCH/CPE/D
LifeSci
Gas-Combus
Auto-Water
Outdoor
SpecFld
Custom
Ending

Explosion proof structure	Model		Structure	Actuation	Working fluid						
					Air	Low vacuum	Water	Kerosene	Oil (50 mm ² /s or less)	Steam	
d2G4		AB41E4	Direct acting	NC (open when energized)	●	●	●	●	●		
		AB42E4		NO (closed when energized)	●	●	●	●	●		
		AB41E4-Z	For direct acting dry air	NC (open when energized) (Dry air)	●	●					
		AG41E4	Direct acting	3-port universal	●	●	●	●	●		
		AG43E4		3-port NC press	●	●	●	●	●		
		AG44E4		3-port NO press	●	●	●	●	●		
		AG41E4-Z	For direct acting dry air	3-port universal (Dry air)	●	●					
		AG43E4-Z		3-port NC press (Dry air)	●	●					
		AG44E4-Z		3-port NO press (Dry air)	●	●					
	     	AP11E4	Pilot operated piston drive	NC (open when energized)	●		●	●	●		
		AP12E4		NO (closed when energized)	●		●	●	●		
		AP21E4		NC (open when energized)	●		●	●	●		
		AP22E4		NO (closed when energized)	●		●	●	●		
		AD11E4	Pilot operated diaphragm drive	NC (open when energized)	●		●	●	●		
		AD12E4		NO (closed when energized)	●		●	●	●		
		AD21E4		NC (open when energized)	●		●	●	●		
		AD22E4		NO (closed when energized)	●		●	●	●		
d2G2	  	AB41E2	Direct acting	NC (open when energized)	●		●	●	●	●	
		AP11E2	Pilot operated piston drive	NC (open when energized)	●		●	●	●	●	
		AP12E2		NO (closed when energized)	●		●	●	●	●	
		AP21E2		NC (open when energized)	●		●	●	●	●	
		AP22E2		NO (closed when energized)	●		●	●	●	●	

● Explosion-proof performance

Explosion proof structure	Electromagnet model No.	Certification No.	Port	Coil	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 drive (AP11E4/AP21E4 Series) Diaphragm drive (AD11E4/AD21E4 Series)
	EB25-G	No. T64361	2				● Direct acting (AB41E4-Z Series)
	EB31-G	No. T64346	3				● Direct acting (AG41E4 Series) ● Direct acting (AG43E4 Series) ● Direct acting (AG44E4 Series)
	EB35-G	No. T64362	3				● Direct acting (AG41E4-Z Series) ● Direct acting (AG43E4-Z Series) ● Direct acting (AG44E4-Z Series)
	EB22-G	No. T64352	2				● Direct acting (AB42E4 Series) ● Pilot operated Piston drive (AP12E4/AP22E4 Series) Diaphragm drive (AD12E4/AD22E4 Series)
	EB23-G	No. T64355					● Pilot operated diaphragm drive (ADK11E4 Series)
	EB24-G	No. T64358					● Pilot operated diaphragm drive (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)

	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	
	●	●										424
	●	●										424
	●	●										430
	●	●										434
	●	●										434
	●	●										434
	●	●										438
	●	●										438
	●	●										438
			●	●	●							442
			●	●	●							442
						●	●	●	●	●	●	446
						●	●	●	●	●	●	446
			●	●	●							452
			●	●	●							452
						●	●	●	●	●	●	456
						●	●	●	●	●	●	456
			●	●	●							462
			●	●	●							462
	●	●										466
			●	●	●							470
			●	●	●							470
						●	●	●	●	●	●	474
						●	●	●	●	●	●	474

EXA
FWD
HNB/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/ AD
APK/ ADK
DryAir
EX- XPLNprf
XPLNprf
HVB/ HVL
S [◇] B/ NAB
LAD/ NAD
Water- Rela
NP/NAP/ NVP
SNP
CHB/G
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Other valves
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DustColl
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