

## EAS

### Electric control check valve



#### Product Features

- Modular design, combined with the EA series using brackets;
- Standards for operator installation: When repairing and maintaining machinery, a residual pressure relief valve can be used to eliminate residual pressure while shutting off the air source. In this scenario, unintentional manipulation by a third party can cause sudden movement of the rear line pressure, cylinders, etc., which can lead to injury. Therefore, the provisions state: all devices used for this purpose must be locked to prevent unintentional operation by a third party that could result in damage to the operator.

#### How to Order?

Series No.	Port size		Bracket Code	Voltage	Connection Mode	Cover Color	Patchcord	Thread Type
EAS2100: EAS2100 Series EAS3100: EAS3100 Series EAS4100: EAS4100 Series	EAS 2100	01 1/8" 02 1/4"	Blank: with bracket J: No bracket		Blank: Junction Box Style L: Plug-in Style F: Lead Wire Style ( Without Junction Box )	Blank: Brown		Blank: G P: PT T: NPT
	EAS 3100	02 1/4" 03 3/8" 04 1/2"		E1 AC110V E2 AC220V E3 AC380V E4 DC24V E5 DC12V	E6 AC36V E7 AC24V E8 DC110V E9 DC48V E10 DC36V		Blank: Patchcord length is 0.3 M 0.6M: Patchcord length is 0.6 M 1M: Patchcord length is 1 M (1: This order code is only for L and F power supply solutions. 2: Other lengths can be ordered according to customer requirements.)	
	EAS 4100	03 3/8" 04 1/2" 06 3/4"						

**Order example:** EAS2100 electric control check valve, port size 1/8", with bracket, DC24V, Junction Box Style, cover color: Brown, G thread, the ERP code is EAS2100-01E4.

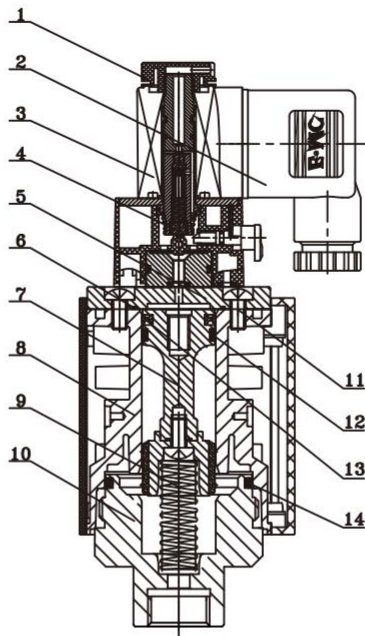
#### Product specifications

Model	EAS2100-01	EAS2100-02	EAS3100-02	EAS3100-03	EAS3100-04	EAS4100-03	EAS4100-04	EAS4100-06
Working medium	Clean air(After 40 μm filtration )							
Port size	1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"
EXH. port size	1/4"		3/8"			1/2"		
Guaranteed pressur(MPa)	1.5							
Working pressure range(MPa)	0.2~1.0							
Working voltage	AC24V AC36V AC110V AC220V AC380V DC12V DC24V DC36V DC48V DC110V							
Acting type	Electric control, pilot type							
Positions	3/2 ways							
Working temperature(°C)	-5~60(No freezing)							
Weight(g)	325	320	553	549	541	755	750	728

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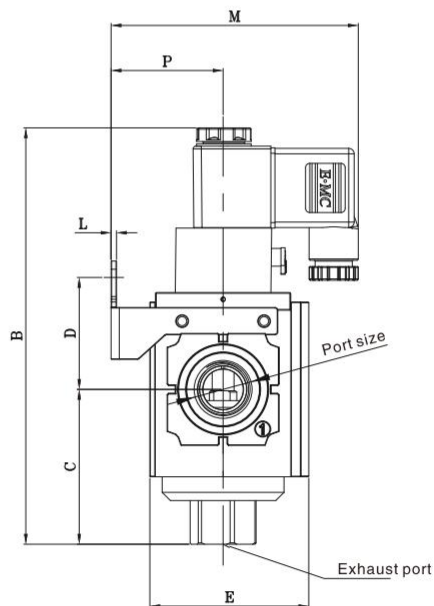
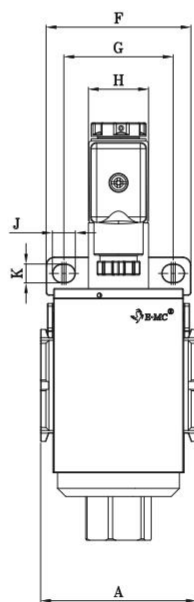


## Internal Structure



No.	Name	Quantity	Material
1	Coil Nut	1	Plastic
2	Connector	1	Assembly
3	Coil	1	Assembly
4	Pilot Seat Component	1	Assembly
5	Pilot Seat Adapter Block	1	Aluminium Alloy
6	Irregular Sealing Ring	1	Rubber
7	Valve Stem	1	Assembly
8	Valve Body	1	Aluminium Alloy
9	Reset Spring	1	Spring Steel
10	Sealing Seat	1	Aluminium Alloy
11	Short head hexagonal cylindrical head screw	2	Stainless Steel
12	Wear Resistant Ring	1	Plastic
13	Piston Sealing Ring	1	Rubber
14	O-ring	1	Rubber

## Main dimension



Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	P	EXH
EAS2100	1/8"-1/4"	43	128.2	40	30.5	41	40	27	22	8.4	5.4	2	79.2	30	1/4"
EAS3100	1/4"-1/2"	57	152.9	56.7	41	58.2	53	40	22	8	6.5	2	90.2	41	3/8"
EAS4100	3/8"-3/4"	80	161.1	62.2	44	78.9	73	54	22	12	8.5	2.5	99.2	50	1/2"