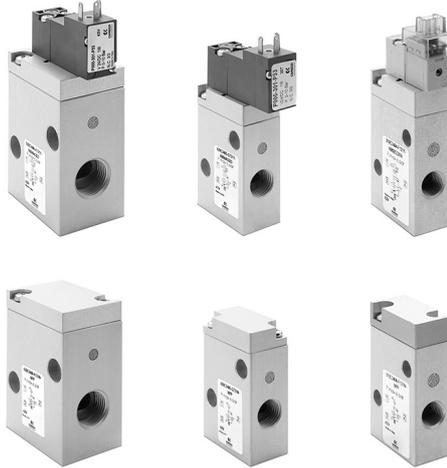


# Elettrovalvole e valvole a comando pneumatico Serie 8

2/2 vie - Normalmente Chiusa (NC)  
3/2 vie - Normalmente Chiusa (NC)



- » Alta portata
- » Disponibile in 3 taglie per usi generali
- » Disponibile versione per utilizzo con ossigeno

La Serie 8 amplia la gamma di modelli disponibili offrendo ora la valvola a cartuccia inserita direttamente in un corpo di alluminio anodizzato e completo dell'elettrovalvola pilota.

I nuovi corpi consentono di avere modelli a comando pneumatico con pilotaggio esterno oppure modelli a comando elettropneumatico con pilotaggio sia esterno che interno.

## CARATTERISTICHE GENERALI

### SPECIFICHE TECNICHE

Funzione	2/2 NC - 3/2 NC
Azionamento	pneumatico o elettropneumatico
Connessioni pneumatiche	G1/8 - G1/4 - G3/8
Diametro nominale	5 ... 9 mm
Coefficiente di flusso kv (l/min)	6.5 ... 23
Portata nominale	420 ... 1480 NL/min (aria a 6 bar ΔP 1 bar)
Pressione di esercizio	3 ÷ 6 bar (0 ÷ 6 bar con pilotaggio esterno)
Pressione di pilotaggio esterna	3 ÷ 6 bar
Temperatura di esercizio	0 ÷ 50 °C
Fluido	aria filtrata classe 5.4.4 secondo ISO 8573-1 (viscosità olio max. 32 cSt), gas inerti
Tempi di risposta	ON <10 ms - OFF <10 ms
Installazione	in qualsiasi posizione

### MATERIALI IN CONTATTO CON IL FLUIDO

Corpo	alluminio
Tenute	FKM
Parti interne	alluminio - ottone

### SPECIFICHE ELETTRICHE

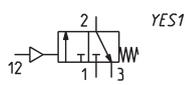
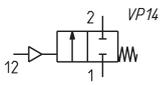
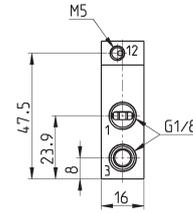
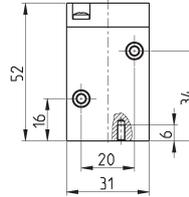
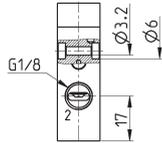
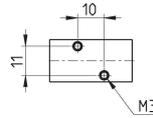
Tensione	24 V DC - altre tensioni a richiesta
Tolleranza tensione	Taglia 1 = ±10% - Taglia 2 e 3 = -10% +15%
Potenza assorbita	Taglia 1 = 1.3 W (spunto) 0.25 W (mantenimento) - Taglia 2 e 3 = 2 W
Servizio continuo	ED 100%
Connessione elettrica	a connettore - cavetti 300 mm
Grado di protezione	Taglia 1 = IP50 - Taglia 2 e 3 = IP65 (con connettore)

**ESEMPIO DI CODIFICA**

<b>8</b>	<b>10</b>	<b>C3</b>	<b>4</b>	<b>04</b>	<b>-</b>	<b>F1</b>	<b>3</b>	<b>1</b>	<b>Y</b>	<b>-</b>	<b>N</b>	<b>00</b>	<b>2C</b>	<b>C014</b>
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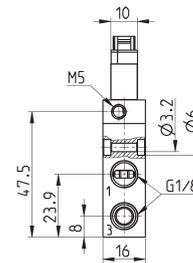
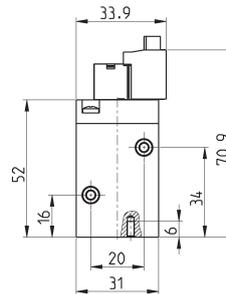
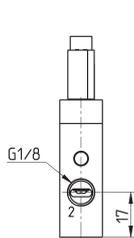
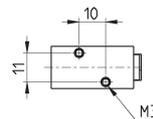
<b>8</b>	SERIE
<b>10</b>	TAGLIA 10 = taglia 1 20 = taglia 2 30 = taglia 3
<b>C3</b>	ESECUZIONE CORPO C3 = valvola con corpo in alluminio con attacchi filettati
<b>4</b>	NUMERO VIE - FUNZIONI 1 = 2/2 vie - NC 4 = 3/2 vie - NC
<b>04</b>	CONNESSIONI PNEUMATICHE 04 = G1/8 (taglia 1) 05 = G1/4 (taglia 2) 06 = G3/8 (taglia 3)
<b>F1</b>	DIAMETRO ORIFIZIO F1 = 5.0 mm (taglia 1) G7 = 6.6 mm (taglia 2) K1 = 9.0 mm (taglia 3)
<b>3</b>	MATERIALE TENUTE 3 = FKM
<b>1</b>	MATERIALE CORPO 1 = alluminio
<b>Y</b>	INTERVENTO MANUALE N = non previsto Y = previsto monostabile
<b>N</b>	ACCESSORI FISSAGGIO N = non previsti
<b>00</b>	OPZIONI 00 = nessuna PP = pilotaggio pneumatico PE = elettropilota con pilotaggio esterno
<b>2C</b>	CONNESSIONE ELETTRICA 2C = tipo KN 90° + protezione + led - solo per taglia 1 2F = tipo KN in linea + protezione + led - solo per taglia 1 3A = DIN EN 175 301-803-C (8 mm) - solo per taglia 2 e 3 4A = standard industriale (9.4 mm) - solo per taglia 2 e 3 7A = cavetti 300 mm - solo per taglia 2 e 3
<b>C014</b>	TENSIONE - POTENZA ASSORBITA C012 = 12 V DC - 1.3/0.25 W (taglia 1) C014 = 24 V DC - 1.3/0.25 W (taglia 1) C020 = 12 V DC - 2 W (taglia 2 - 3) C023 = 24 V DC - 2 W (taglia 2 - 3) C025 = 48 V DC - 2 W (taglia 2 - 3)
	VERSIONE = standard OX1 = per ossigeno (residuo non volatile inferiore a 550 mg/m <sup>2</sup> ) OX2 = per ossigeno (residuo non volatile inferiore a 33 mg/m <sup>2</sup> )

## Valvola pneumatica Serie 8 - taglia 1 - 2/2 e 3/2 vie NC

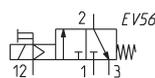
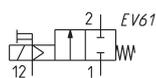
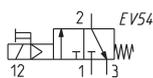
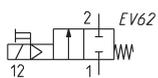


Mod.	Funzione	Attacchi	Orifizio Ø (mm)	kv (L/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
810C3104-F131N-NPP	2/2 NC	G1/8	5.0	6.5	420	0 ÷ 6	3 ÷ 6	Esterno	VP14
810C3404-F131N-NPP	3/2 NC	G1/8	5.0	6.5	420	0 ÷ 6	3 ÷ 6	Esterno	YES1

## Elettrovalvola Serie 8 - taglia 1 - 2/2 e 3/2 vie NC

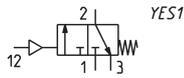
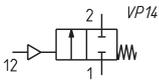
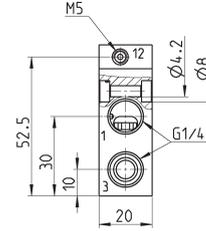
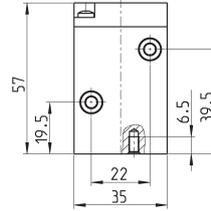
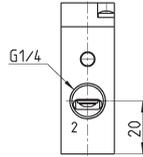
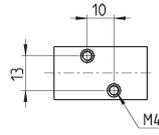


\* aggiungere  
- CONNESSIONE ELETTRICA  
- TENSIONE  
(vedi ESEMPIO CODIFICA)



Mod.	Funzione	Attacchi	Orifizio Ø (mm)	kv (L/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
810C3104-F131Y-N00*	2/2 NC	G1/8	5.0	6.5	420	3 ÷ 6	-	Interno	EV62
810C3404-F131Y-N00*	3/2 NC	G1/8	5.0	6.5	420	3 ÷ 6	-	Interno	EV54
810C3104-F131Y-NPE*	2/2 NC	G1/8	5.0	6.5	420	0 ÷ 6	3 ÷ 6	Esterno	EV61
810C3404-F131Y-NPE*	3/2 NC	G1/8	5.0	6.5	420	0 ÷ 6	3 ÷ 6	Esterno	EV56

## Valvola pneumatica Serie 8 - taglia 2 - 2/2 e 3/2 vie NC

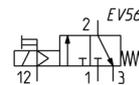
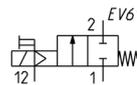
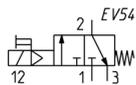
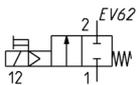
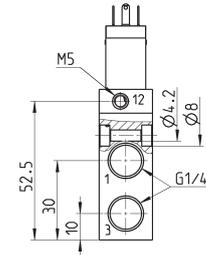
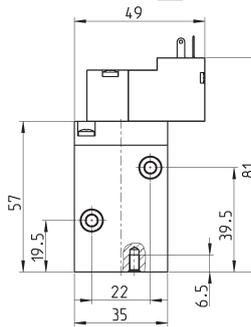
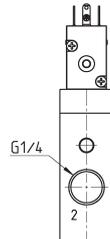
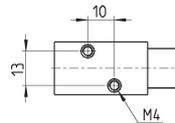


Mod.	Funzione	Attacchi	Orifizio Ø (mm)	kv (l/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
820C3105-G731N-NPP	2/2 NC	G1/4	6.6	12.5	800	0 ÷ 6	3 ÷ 6	Esterno	VP14
820C3405-G731N-NPP	3/2 NC	G1/4	6.6	12.5	800	0 ÷ 6	3 ÷ 6	Esterno	YES1

## Elettrovalvola Serie 8 - taglia 2 - 2/2 e 3/2 vie NC

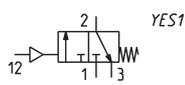
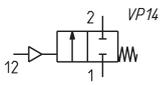
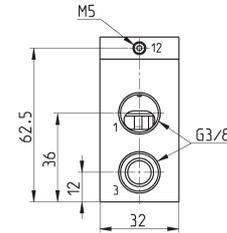
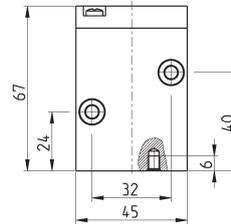
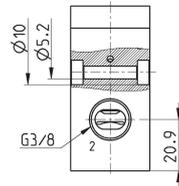
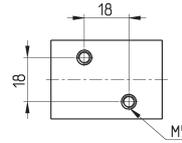


\* aggiungere  
- CONNESSIONE ELETTRICA  
- TENSIONE  
(vedi ESEMPIO CODIFICA)



Mod.	Funzione	Attacchi	Orifizio Ø (mm)	kv (l/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
820C3105-G731Y-N00*	2/2 NC	G1/4	6.6	12.5	800	3 ÷ 6	-	Interno	EV62
820C3405-G731Y-N00*	3/2 NC	G1/4	6.6	12.5	800	3 ÷ 6	-	Interno	EV54
820C3105-G731Y-NPE*	2/2 NC	G1/4	6.6	12.5	800	0 ÷ 6	3 ÷ 6	Esterno	EV61
820C3405-G731Y-NPE*	3/2 NC	G1/4	6.6	12.5	800	0 ÷ 6	3 ÷ 6	Esterno	EV56

## Valvola pneumatica Serie 8 - taglia 3 - 2/2 e 3/2 vie NC

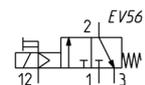
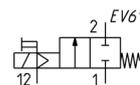
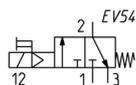
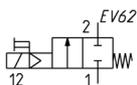
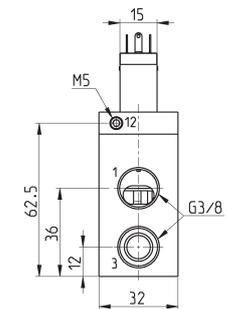
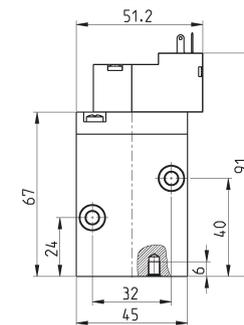
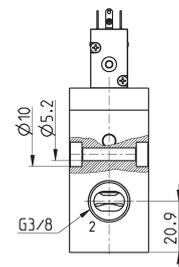
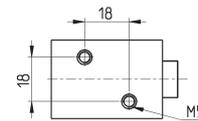


Mod.	Funzione	Attacchi	Orifizio $\varnothing$ (mm)	kv (l/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
830C3106-K131N-NPP	2/2 NC	G3/8	9.0	23	1480	0 ÷ 6	3 ÷ 6	Esterno	VP14
830C3406-K131N-NPP	3/2 NC	G3/8	9.0	23	1480	0 ÷ 6	3 ÷ 6	Esterno	YES1

## Elettrovalvola Serie 8 - taglia 3 - 2/2 e 3/2 vie NC



\* aggiungere  
- CONNESSIONE ELETTRICA  
- TENSIONE  
(vedi ESEMPIO CODIFICA)



Mod.	Funzione	Attacchi	Orifizio $\varnothing$ (mm)	kv (l/min)	Qn (NL/min)	Pressione min+max (bar)	Press. pilotaggio min+max (bar)	Pilotaggio	Simbolo
830C3106-K131Y-N00*	2/2 NC	G3/8	9.0	23	1480	3 ÷ 6	-	Interno	EV62
830C3406-K131Y-N00*	3/2 NC	G3/8	9.0	23	1480	3 ÷ 6	-	Interno	EV54
830C3106-K131Y-NPE*	2/2 NC	G3/8	9.0	23	1480	0 ÷ 6	3 ÷ 6	Esterno	EV61
830C3406-K131Y-NPE*	3/2 NC	G3/8	9.0	23	1480	0 ÷ 6	3 ÷ 6	Esterno	EV56