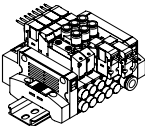
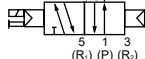
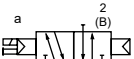
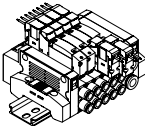
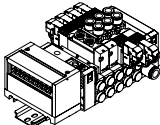
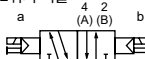
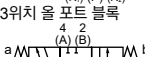
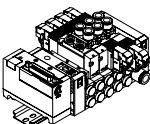
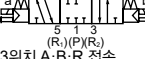
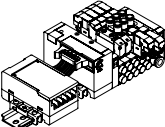
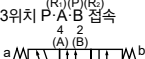
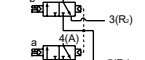
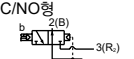
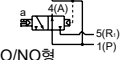
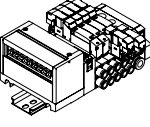
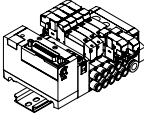
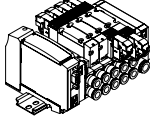


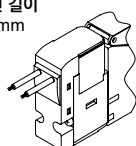
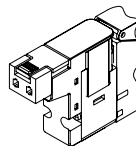
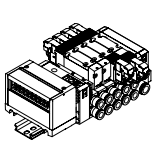
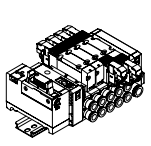
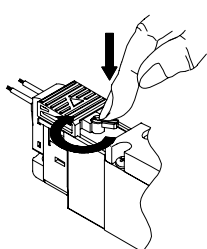
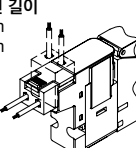
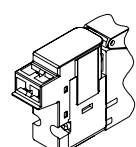
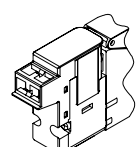
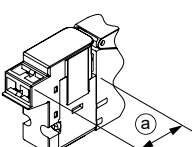
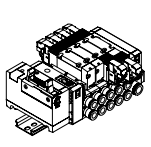
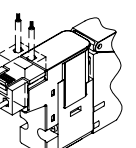
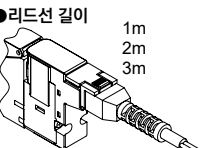
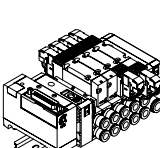
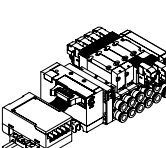
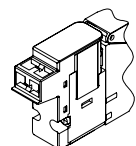
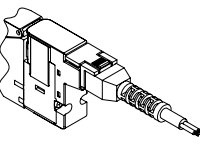
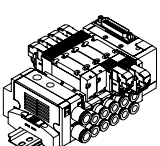
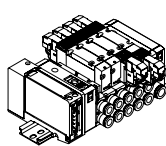
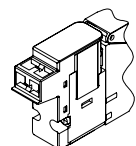
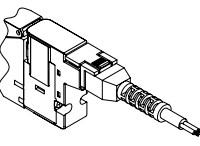
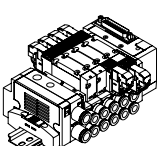
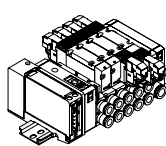
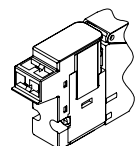
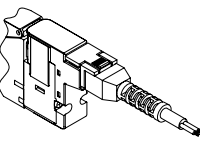
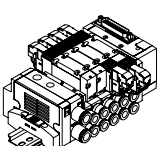
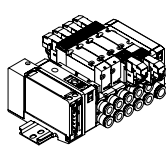
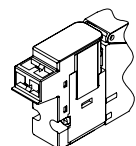
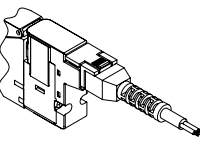
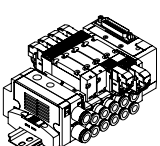
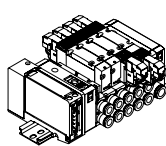
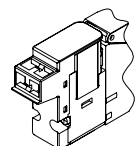
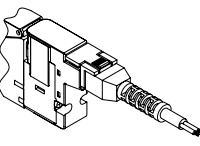
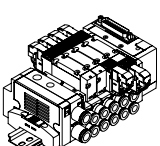
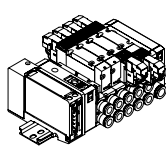
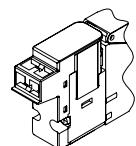
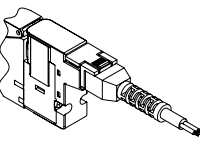
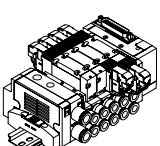
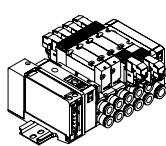
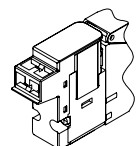
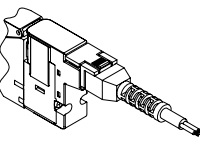
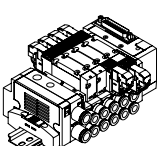
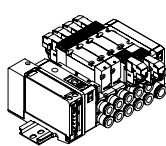
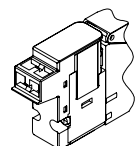
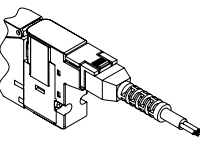
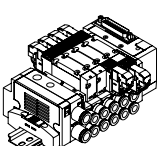
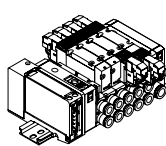
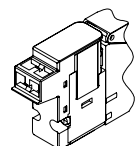
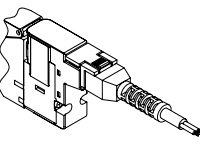
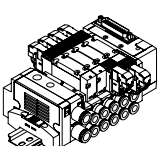
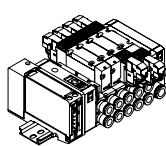
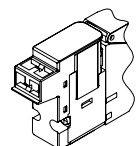
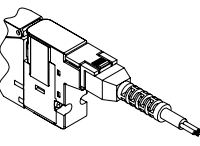
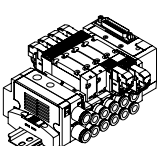
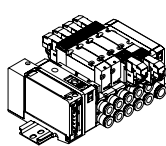
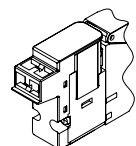
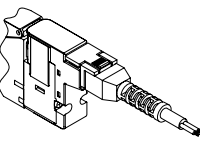
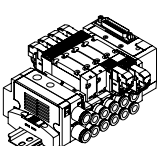
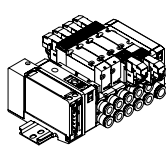
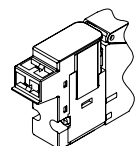
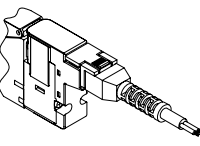
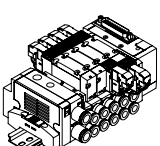
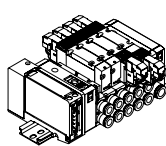
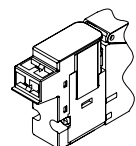
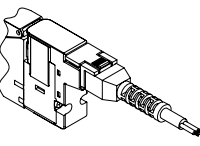
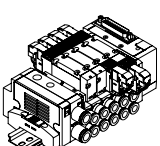
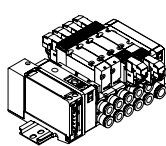
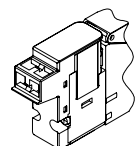
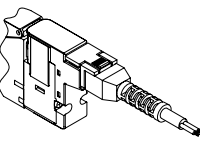
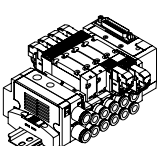
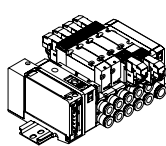
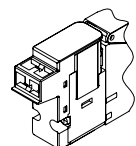
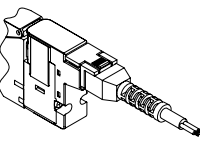
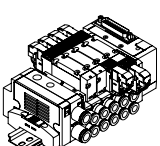
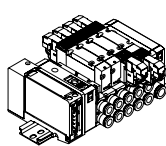
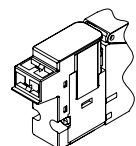
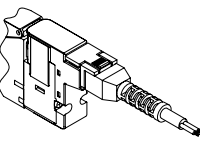
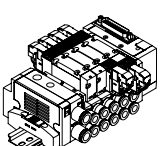
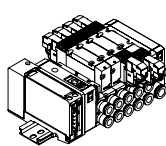
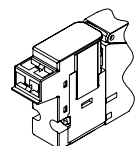
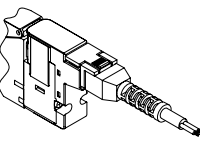
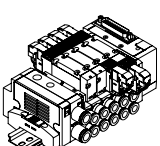
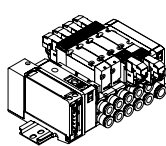
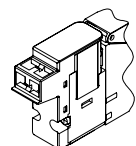
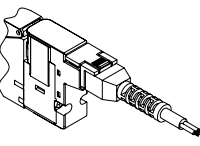
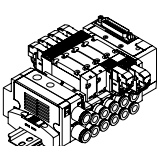
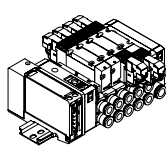
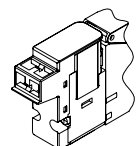
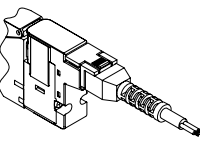
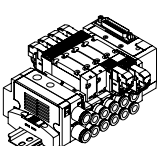
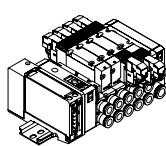
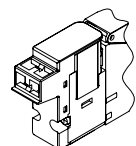
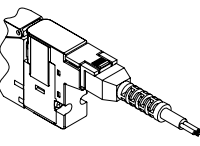
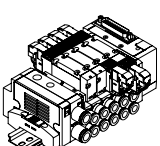
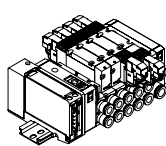
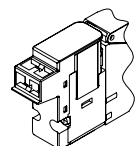
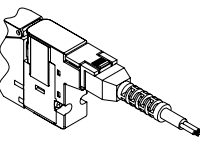
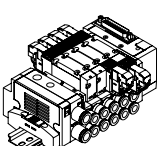
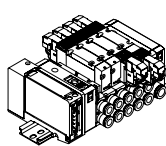
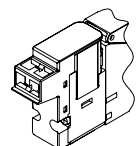
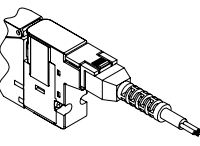
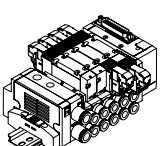
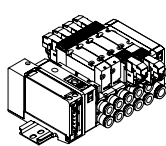
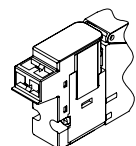
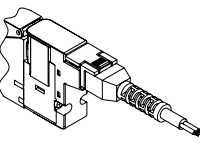
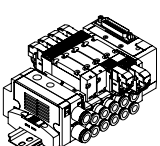
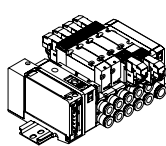
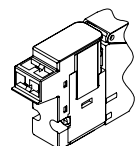
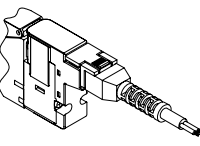
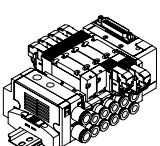
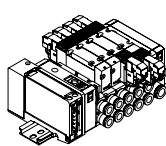
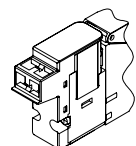
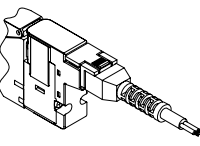
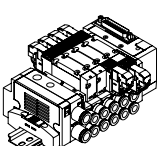
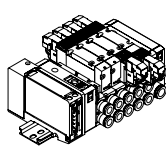
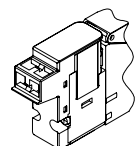
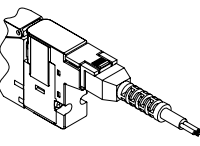
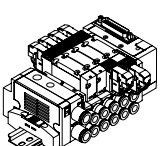
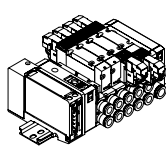
※금속 베이스(일체형)는 7page를 참조해 주십시오.
※마스터 밸브는 321page를 참조해 주십시오.

4GA/B
M4GA/B
MN4GA/B
4GA/B (마스터)
4GB 센서 부착
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (마스터)
4F
4F (마스터)
PV5G GMF
PV5 GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P-M-B
NP-NAP NVP
4G※0EJ
4F※0EX
4F※0E
HMV HSV
2QV 3QV
SKH
사이렌서
전 공압 시스템 (토털 예어)
전 공압 시스템 (감마)
권말

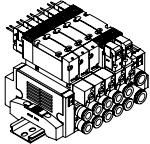
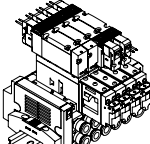
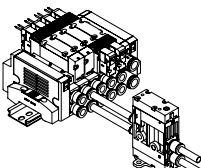
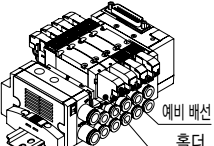
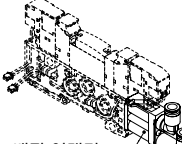
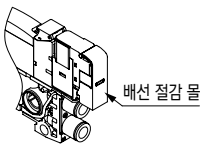
외관 시리즈			기종 형번	전선 접속	위치 솔레노이드 수 JIS 기호	밸브 능력		전압 (V)	
						유량 특성 C [dm ³ /(s·bar)] (주1)	적합 실린더 지름		
개별 배선 매니폴드	다이렉트 배관	MN4GA180R		MN4GA1	기호 없음 - E□	●3포트 밸브 2위치 상강 NC형  2위치 상강 NO형  ●5포트 밸브 2위치 상강 	1.0~1.2	φ20~φ40	AC100 AC200 DC24 DC12 DC3 DC5 (주2)
		MN4GA2	기호 없음 - E□ - B	2.2~2.5	φ40~φ80				
	베이스 배관	MN4GB180R		MN4GB1	기호 없음 - E□		1.0~1.2	φ20~φ40	
		MN4GB2	기호 없음 - E□ - B	2.2~2.5	φ40~φ80				
배선 절감 매니폴드	다이렉트 배관	단자대 타입 MN4GA280R		MN4GA1 (N3GA1) (N4GA1)	- T10 - T11 (- A2N)	2위치 더블  3위치 올 포트 블록 	1.0~1.2	φ20~φ40	DC24 DC12
				MN4GA2 (N3GA2) (N4GA2)			2.2~2.5	φ40~φ80	
		커넥터 타입 MN4GA280R		MN4GA1 (N3GA1) (N4GA1)	- T30 - T5□ (- A2N)	3위치 올 포트 블록  3위치 A·B·R 접속 	1.0~1.2	φ20~φ40	DC24 DC12
				MN4GA2 (N3GA2) (N4GA2)			2.2~2.5	φ40~φ80	
		시리얼 전송 MN4GA180R		MN4GA1 (N3GA1) (N4GA1)	- T6G1 - T7□ (- A2N)	3위치 P·A·B 접속  ●3포트 밸브 2개 내장형 NC/NC형  NC/NO형  NO/NC형  NO/NO형 	1.0~1.2	φ20~φ40	DC24
				MN4GA2 (N3GA2) (N4GA2)	- T8□ (- A2N)		2.2~2.5	φ40~φ80	
	베이스 배관	단자대 타입 MN4GB180R		MN4GB1 (N4GB1)	- T10 - T11 (- A2N)	1.0~1.2	φ20~φ40	DC24 DC12	
				MN4GB2 (N4GB2)		2.2~2.5	φ40~φ80		
		커넥터 타입 MN4GB180R		MN4GB1 (N4GB1)	- T30 - T5□ (- A2N)	1.0~1.2	φ20~φ40	DC24 DC12	
				MN4GB2 (N4GB2)		2.2~2.5	φ40~φ80		
		시리얼 전송 MN4GB280R		MN4GB1 (N4GB1)	- T6G1 - T7□ (- A2N)	1.0~1.2	φ20~φ40	DC24	
				MN4GB2 (N4GB2)	- T8□ (- A2N)	2.2~2.5	φ40~φ80		

권말

MN4GA-4GB Series

4GA/B	전선 접속				수동 장치	기타 옵션
M4GA/B	단품 밸브·개별 배선 매니폴드		배선 절감 매니폴드			
MN4GA/B	기호 없음 그로밋 리드선 (리)	E3 E형 커넥터 소켓 단자 첨부(사·벨)	T10 집중 단자대 타입 M3 나사 사양(좌측)	T50 플랫 케이블 전원 단자 부착(좌측)	(표준 장비)	H 배기 오작동 방지 밸브 부착
4GA/B (마스터)	●리드선 길이 300mm 					
4GB 센서 부착	●리드선 길이 300mm 500mm 1m 2m 3m 	A2N A형 커넥터 하향 소켓 없음	T10R 집중 단자대 타입 M3 나사 사양(우측)	T50R 플랫 케이블 전원 단자 부착(우측)	K 외부 파일럿	
4GD/E	E0 E형 커넥터 (리)	●AC 전압인 경우, DC 전 압보다 @치수가 3.5mm 깁니다.	T11 집중 단자대 타입 PCB 나사 사양(좌측)	T52 ₃ 플랫 케이블 전원 단자 없음(좌측)	①논로크식으로써 PUSH로 ON 손을 떼면 OFF ②로크식으로써 PUSH + 우회전 90° 으로 ON 상태를 유지 좌회전으로 로크 해제 OFF	A 오존-절삭수 대응품
M4GD/E	E0N E형 커넥터 소켓 없음		T11R 집중 단자대 타입 PCB 나사 사양(우측)	T52R ₃ 플랫 케이블 전원 단자 없음(우측)	M 논로크식	F AB포트 필터 내장
MN4GD/E		B BN DIN 단자함 (BN: 단자함 없음)				
4GA4/B4	●리드선 길이 300mm 500mm 1m 2m 3m 	E0·J EJ형 커넥터 (리)	T30 D 서브 커넥터 타입 (좌측)	T6G1 시리얼 전송	 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	G1 G2 압력 센서
MN3E MN4E	E2 E형 커넥터 소켓 단자 첨부	●리드선 길이 1m 2m 3m 				 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
W4GA/B2	E2N E형 커넥터 소켓 없음(사·벨)	E2·J EJ형 커넥터 (사·벨)	T30R D 서브 커넥터 타입 (우측)	T7+0 T7+1 시리얼 전송 슬림형 슬롯 타입	 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
W4GB4						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
MN3S0 MN4S0	E2N E형 커넥터 소켓 없음(사·벨)	E2·J EJ형 커넥터 (사·벨)	T30R D 서브 커넥터 타입 (우측)	T7+0 T7+1 시리얼 전송 슬림형 슬롯 타입	 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
4SA/B0						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
4KA/B					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
4KA/B (마스터)						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
4F					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
4F (마스터)						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
PV5G GMF					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
PV5 GMF						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
PV5S-0					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
3Q						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
MV3QR					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
3MA/B0						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
3PA/B					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
P-M-B						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
NP-NAP NVP					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
4G※0EJ						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
4F※0EX					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
4F※0E						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
HMV HSV					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
2QV 3QV						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
SKH					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
사이렌서						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
전 공압 시스템 (토털 에어)					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
전 공압 시스템 (감마)						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF
권말					 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF	
						 보호 커버 수동 버튼 ①PUSH로 ON, 손을 떼면 OFF

전선 접속 회로도

기타 옵션	
Z2	인스톨 밸브 스페이서
	
Z6	스페이서형 파일럿 체크 밸브
	
파일럿 체크 밸브 (자립형 타입) ※194page 참조	
	
W1	싱글 예비 배선
	
L	배관 어댑터 부착
	
Q	배선 절감 물
	

전선 접속		리드선 고정매	리드선 부착	램프 부착	서지 킬러 부착	소켓 없음	회로도
기호 정보	그로밋 리드선		●				(±) ○ DC (-) ○
	E0	E형 커넥터		●			(±) ○ DC (-) ○
	E0※J	EJ형 커넥터		●			(±) ○ DC (-) ○ (~) ○
	E0N	E형 커넥터				●	(~) ○ AC 100V (-) ○
	E1	E형 커넥터	●				(~) ○ AC 100V (-) ○
	E2	E형 커넥터		●	●	●	(±) ○ DC (-) ○ (~) ○
	E2※J	EJ형 커넥터		●	●	●	(~) ○ AC 100V (-) ○
	E2N	E형 커넥터			●	●	(~) ○ AC 100V (-) ○
	E3	E형 커넥터	●	●	●		(~) ○ AC 100V (-) ○
	A2N	A형 커넥터			●	●	(±) ○ DC (-) ○
옵션 S	B	DIN 단자함	●	●	●		(±) ○ DC (-) ○ (~) ○ AC 100V (-) ○
	BN	DIN 단자함 (단자함 없음)					(~) ○ AC 200V (-) ○
	E2	E형 커넥터		●	●	●	(±) ○ DC (-) ○
	E2※J	EJ형 커넥터		●	●	●	(~) ○ AC 100V (-) ○
	E2N	E형 커넥터			●	●	(~) ○ AC 200V (-) ○
	A2N	A형 커넥터			●	●	(~) ○ AC 200V (-) ○
	E2	E형 커넥터		●	●	●	(±) ○ DC (-) ○
	E2※J	EJ형 커넥터		●	●	●	(~) ○ AC 100V (-) ○
	E2N	E형 커넥터			●	●	(~) ○ AC 200V (-) ○
	A2N	A형 커넥터			●	●	(~) ○ AC 200V (-) ○
옵션 E	E2	E형 커넥터		●	●	●	(±) ○ DC (-) ○
	E2※J	EJ형 커넥터		●	●	●	(~) ○ AC 100V (-) ○
	E2N	E형 커넥터			●	●	(~) ○ AC 200V (-) ○
	A2N	A형 커넥터			●	●	(~) ○ AC 200V (-) ○

4GA/B
M4GA/B
MN4GA/B
4GA/B (마스터)
4GB 센서 부착
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (마스터)
4F
4F (마스터)
PV5G GMF
PV5 GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P-M-B
NP-NAP NVP
4G※0EJ
4F※0EX
4F※0E
HMV HSV
2QV 3QV
SKH
사이렌서
전공압 시스템 (토털 배머)
전공압 시스템 (감마)
권말