

<Housing Assembly and SI Unit>

Housing assembly and SI unit no.

No.	Manifold	Part no.	Description
①	(SA kit)	EX320-S001(-XP) ⁽²⁾	General type SI unit (Series EX300)
	(SB kit)	EX120-SMB1(-XP) ⁽²⁾	SI unit for MELSECNET/MINI-S3 Data Link System (Mitsubishi Electric Corporation)
	(SC kit)	EX120-STA1(-XP) ⁽²⁾	SI unit for SYSBUS Wire System (OMRON Corporation)
	(SD kit)	EX120-SSH1(-XP) ⁽²⁾	SI unit for Satellite I/O Link System (SHARP Corporation)
	(SE kit)	EX120-SPA1	SI unit for MEWNET-F System (Matsushita Electric Works, Ltd.)
	(SF1kit)	EX120-SUW1(-XP) ⁽²⁾	SI unit for 16 point Uni-wire System (NKE Corporation)
	(SG kit)	EX120-SAB1(-XP) ⁽²⁾	SI unit for Allen Bradley Remote I/O (RIO) System (Rockwell Automation, Inc.)
	(SH kit)	EX120-SUH1(-XP) ⁽²⁾	SI unit for 16 point Uni-wire H System (NKE Corporation)
	(SJ1 kit)	EX120-SSL1(-XP) ⁽²⁾	16 point S-LINK System (SUNX Corporation)
	(SJ2 kit)	EX120-SSL2(-XP) ⁽²⁾	8 point S-LINK System (SUNX Corporation)
	(SK kit)	EX120-SFU1(-XP) ⁽²⁾	T-LINK Mini System (Fuji Electric Co.,Ltd.)
	(SQ kit)	EX120-SDN1	DeviceNet, CompoBus/D (OMRON Corporation)
	(SR1 kit)	EX120-SCS1(-XP) ⁽²⁾	OMRON Corporation: CompoBus/S (16 output points)
	(SR2 kit)	EX120-SCS2(-XP) ⁽²⁾	OMRON Corporation: CompoBus/S (8 output points)
	(SV kit)	EX120-SMJ1(-XP) ⁽²⁾	Mitsubishi Electric Corporation: CC-LINK System
②	P $\frac{1}{2}$ kit	AXT100-1-P $\frac{1}{2}$ □ ⁽¹⁾	Flat cable housing assembly □ = Number of pins: 26, 20, 16, 10
	J $\frac{1}{2}$ kit	AXT100-1-J $\frac{1}{2}$ 20 ⁽¹⁾	Flat cable housing assembly
③	F $\frac{1}{2}$ kit	AXT100-1-F $\frac{1}{2}$ □ ⁽¹⁾	D-sub connector housing assembly □ = Number of pins: 25, 15

Note 1) Top (vertical) entry connector for FU, PU and JU while side (horizontal) entry connector for FS, JS and PS.

Note 2) Enter suffix "-XP" at the end of the part number for dust proof type SI unit.

VQC

SQ

VQ0

VQ4

VQ5

VQZ

VQD

<D Side End Plate Assembly>

④⑤ D side end plate assembly no.

VVQ1000-3A-1-□-□

Electrical entry □ Option

F	For F kit	Nil	Common exhaust type
P	For P kit	R ⁽¹⁾	External pilot
J	For J kit	S ⁽¹⁾	Built-in silencer, direct exhaust
L	For L kit		
S	For S kit		



Note 1) When both options are specified, indicate as RS.

Note 2) The housing assembly and SI unit of F/P/S kit are not included.

Separately place an order for ①, ②, and ③.

<U Side End Plate Assembly>

⑥ U side end plate assembly no. (For F, P, J, S kit)

VVQ1000-2A-1-□

Option

Nil	Common exhaust type
R	External pilot
S	Built-in silencer, direct exhaust



Note) The ④'s fitting assembly is included.

<Manifold Block Assembly>

⑧ Manifold block assembly no. Tie-rod (2 pcs.) and lead wire assembly for extensions are attached

VVQ1000-1A-□

Electrical entry □ Port size

F1	F kit for 2 to 12 stations/Double wiring	C3	With One-touch fitting for ø3.2
F2	F kit for 13 to 24 stations/Double wiring	C4	With One-touch fitting for ø4
F3	F kit for 2 to 24 stations/Single wiring	C6	With One-touch fitting for ø6
P1	P, J, S kit for 2 to 12 stations/Double wiring	M5	M5 thread
P2	P, J, S kit for 13 to 24 stations/Double wiring		
P3	P, J, S kit for 2 to 24 stations/Single wiring		
L0 □	L0 kit □ Stations (1 to 8)		
L1 □	L1 kit □ Stations (1 to 8)		
L2 □	L2 kit □ Stations (1 to 8)		

<Replacement Parts for Manifold Block>

Replacement Parts

No.	Part no.	Description	Material	Number
⑨	VVQ1000-80A-1	Gasket	NBR	12
⑩	VVQ1000-80A-2	Packing	NBR	12
⑪	VVQ1000-80A-3	Clamp screw	Carbon steel	12
⑫	VVQ1000-80A-4	Clip	Stainless steel	12



Note) A set of parts containing 12 pcs. each is enclosed.

⑦ U side end plate assembly no. (For L kit)

VVQ1000-2A-1-L

<Fitting Assembly>

⑬ Fitting assembly part no. (For cylinder port)

VVQ1000-50A-□

Port size



Note) Purchasing order is available in units of 10 pieces.

C3	Applicable tubing ø3.2
C4	Applicable tubing ø4
C6	Applicable tubing ø6
M5	M5 thread

⑭ Fitting assembly part no. (For P, R port)

VVQ1000-51A-C8

Applicable tubing ø8



Note) Purchasing order is available in units of 10 pieces.

<Housing Assembly and SI Unit>

Housing assembly and SI unit no.

No.	Manifold	Part no.	Description
	(SA kit)	EX321-S001(-XP) ⁽⁵⁾	General type SI unit (Series EX300)
	(SB kit)	EX121-SMB1(-XP) ⁽⁵⁾	SI unit for MELSECNET/MINI-S3 Data Link System (Mitsubishi Electric Corporation)
	(SC kit)	EX121-STA1(-XP) ⁽⁵⁾	SI unit for SYSBUS Wire System (OMRON Corporation)
	(SD kit)	EX121-SSH1(-XP) ⁽⁵⁾	SI unit for Satellite I/O Link System (SHARP Corporation)
	(SE kit)	EX121-SPA1	SI unit for MEWNET-F System (Matsushita Electric Works, Ltd.)
	(SF1kit)	EX121-SUW1(-XP) ⁽⁵⁾	SI unit for 16 point Uni-wire System (NKE Corporation)
	(SG kit)	EX121-SAB1(-XP) ⁽⁵⁾	SI unit for Allen Bradley Remote I/O (RIO) System (Rockwell Automation, Inc.)
①	(SH kit)	EX120-SUH1(-XP) ⁽⁵⁾	SI unit for 16 point Uni-wire H System (NKE Corporation)
	(SJ1 kit)	EX121-SSL1(-XP) ⁽⁵⁾	16 point S-LINK System (SUNX Corporation)
	(SJ2 kit)	EX121-SSL2(-XP) ⁽⁵⁾	8 point S-LINK System (SUNX Corporation)
	(SK kit)	EX121-SFU1(-XP) ⁽⁵⁾	T-LINK Mini System (Fuji Electric Co., Ltd.)
	(SQ kit)	EX121-SDN1	DeviceNet, CompoBus/D (OMRON Corporation)
	(SR1 kit)	EX121-SCS1(-XP) ⁽⁵⁾	OMRON Corporation: CompoBus/S System (16 output points)
	(SR2 kit)	EX121-SCS2(-XP) ⁽⁵⁾	OMRON Corporation: CompoBus/S System (8 output points)
	(SV kit)	EX120-SMJ1(-XP) ⁽⁵⁾	Mitsubishi Electric Corporation: CC-LINK System
②	P ^U kit	AXT100-2-P ^U □ ⁽²⁾	Flat ribbon cable housing assembly □ = Number of pins: 26, 20, 16, 10
③	F ^U kit	AXT100-2-F ^U □ ⁽²⁾	D-sub connector housing assembly □ = Number of pins: 25, 15
④	T kit	AXT100-2-TB1 ⁽⁴⁾	Terminal block assembly (8 terminals)
⑤	T kit	AXT100-2-TB2 ⁽⁴⁾	Terminal block assembly (8 terminals)

Note 1) A S kit is composed of a flat ribbon cable housing assembly (AXT100-2-PS20) of ① SI unit and ② P kit (20 pins).
Place an order for AXT100-2-PU20 separately.

Note 2) Top/vertical entry connector for FU and PU while side (horizontal) entry connector for FS and PS.

Note 3) Since no connector assembly is included, order it separately. (Refer to page 2-4-216.)

Note 4) In the case of standard specifications and double wiring, ④ is for 1 to 4 stations and ⑤ is for 5 to 8 stations.

Note 5) Suffix "-XP" for dust-protected type SI unit.

<D Side End Plate Assembly>

⑥ D side end plate assembly no.

VVQ1000-3A-2

<U Side End Plate Assembly>

⑦ U side end plate assembly no.

VVQ1000-2A-2

<SUP/EXH block Assembly>

⑧ SUP/EXH block assembly no.

VVQ1000-PR-2-C8-□

Option

NIL	Common exhaust type
S	Built-in silencer, direct exhaust

Note) The ⑮'s fitting assembly is included.

<Replacement Parts for Manifold Block>

Replaceable Parts

No.	Part no.	Description	Material	Number
⑩	VVQ1000-80A-1	Gasket	HNBR	12
⑪	VVQ1000-80A-2-2	O-ring	HNBR	12
⑫	VVQ1000-80A-3	Clamp screw	Carbon steel	12
⑬	VVQ1000-80A-2-4	Clip	Stainless steel	12

Note) A set of parts containing 12 pcs. each is enclosed.

<Fitting Assembly>

⑭ Fitting assembly part no. (For cylinder port)

VVQ1000-50A-□

Port size

C3	Applicable tubing ø3.2
C4	Applicable tubing ø4
C6	Applicable tubing ø6
M5	With M5 thread

Note) Purchasing order is available in units of 10 pieces.

<Manifold Block Assembly>

⑧ Manifold block assembly no.

VVQ1000-1A-2-□

Port size

C3	With One-touch fitting for ø3.2
C4	With One-touch fitting for ø4
C6	With One-touch fitting for ø6
M5	M5 thread

⑮ Fitting assembly part no. (For P, R port)

VVQ1000-51A-C8

Applicable tubing ø8

Note) Purchasing order is available in units of 10 pieces.