

Series VQC Base-Mounted Type **Manifold Exploded View**

Manifold Assembly Part No.

Housing assembly and SI unit/Input block

| No. | Description | Part no. | Note | Applicable model | | |
|-----|-------------------------------------|------------------|---------------------------------------|------------------|---------|---------|
| | | | | VQC1000 | VQC2000 | VQC4000 |
| 1 | SI unit | EX250-SPR1 | PROFIBUS-DP (-COM.) | ● | ● | ● |
| | | EX250-SAS□ | AS-i (-COM.) | ● | ● | ● |
| | | EX250-SMJ | CC-Link (+COM.) | ● | ● | ● |
| | | EX250-SDN1 | DeviceNet (-COM.) | ● | ● | ● |
| | | EX250-SCA1 | CANopen (-COM.) | ● | ● | ● |
| 2 | Input block | EX250-IE1 | M12, 2 inputs | ● | ● | ● |
| | | EX250-IE2 | M12, 4 inputs | ● | ● | ● |
| | | EX250-IE3 | M8, 4 inputs | ● | ● | ● |
| 3 | End plate assembly | EX250-EA1 | Standard | ● | ● | ● |
| | | EX250-EA2 | DIN rail mounting | ● | ● | — |
| 4 | SI unit | EX500-Q001 | DeviceNet (+COM.) | ● | ● | ● |
| | | EX500-Q001-X1 | Remote I/O (+COM.) | ● | ● | ● |
| | | EX500-Q101 | DeviceNet / PROFIBUS-DP (-COM.) | ● | ● | ● |
| | | EX500-Q101-X1 | Remote I/O (-COM.) | ● | ● | ● |
| 5 | SI unit | EX240-SDN2 | DeviceNet (+COM.) | — | — | ● |
| | | EX240-SPR1 | PROFIBUS-DP (-COM.) | — | — | ● |
| 6 | Input block | EX240-IE1 | M12, 8 inputs | — | — | ● |
| 7 | End cover assembly | EX240-EA2 | For manifold with input block | — | — | ● |
| | | EX240-EA4 | For manifold without input block | — | — | ● |
| 8 | SI unit | EX126D-SMJ1 | CC-Link (+COM.) | ● | ● | ● |
| 9 | Terminal plate | VVQC1000-74A-2 | For EX126 SI unit mounting | ● | ● | ● |
| 10 | D-sub connector housing assembly | VVQC1000-F25-1 | F Kit, 25-pin | ● | ● | ● |
| 11 | Flat ribbon cable housing assembly | VVQC1000-P26-1 | P Kit, 26-pin | ● | ● | ● |
| | | VVQC1000-P20-1 | P Kit, 20-pin | ● | ● | ● |
| 12 | Terminal block box housing assembly | VVQC1000-T0-1 | T Kit | ● | ● | ● |
| 13 | Lead wire housing assembly | VVQC1000-L25-0-1 | L Kit with 0.6m lead wire | ● | ● | ● |
| | | VVQC1000-L25-1-1 | L Kit with 1.5m lead wire | ● | ● | ● |
| | | VVQC1000-L25-2-1 | L Kit with 3.0m lead wire | ● | ● | ● |
| 14 | Multiple connector housing assembly | VVQC1000-M26-1 | M Kit 26-pin | ● | ● | ● |
| 15 | Signal cut block | EX9-SC1-8 | Double wiring of 1st to 8th stations | ● | ● | ● |
| | | EX9-SC2-4 | Double wiring of 9th to 12th stations | ● | ● | ● |

D-side end plate assembly

⑩ D-side end plate assembly part no.

VQC1000/2000

VVQC 1 000-3A-1-C8

Series

| | |
|---|---------|
| 1 | VQC1000 |
| 2 | VQC2000 |

Port size

| Symbol | VQC1000 | VQC2000 |
|--------|---------|---------|
| C8 | ● | |
| C10 | | ● |
| N9 | ● | |
| N11 | | ● |

Options

| | |
|-----|--|
| Nil | Centralized exhaust |
| R | External pilot |
| S | Direct exhaust outlet with built-in silencer |

VQC4000

VVQC4000-3A-1

Kit type

| | |
|---|--------------------|
| 1 | S(EX240) Kit |
| 2 | F.P.T,S(EX250) Kit |
| 3 | L.M,S(EX500) Kit |

Thread type

| | |
|-----|----------|
| Nil | Rc |
| F | G |
| T | NPT/NPTF |

U-side end plate assembly

⑪ U-side end plate assembly part no.

VQC1000/2000

VVQC 1 000-2A-1-C8

Series

| | |
|---|---------|
| 1 | VQC1000 |
| 2 | VQC2000 |

Port size

| Symbol | VQC1000 | VQC2000 |
|--------|---------|---------|
| C8 | ● | |
| C10 | | ● |
| C12 | | ● |
| N9 | ● | |
| N11 | | ● |
| N13 | | ● |

Options

| | |
|-----|--|
| Nil | Centralized exhaust |
| R | External pilot |
| S | Direct exhaust outlet with built-in silencer |

Supply/Exhaust port entry direction

| | |
|----------|--------------------|
| 1 | Cylinder port side |
| 2 (Note) | Branch type |

Note) VQC2000 only

VQC4000

VVQC4000-2A-1

Thread type

| | |
|-----|----------|
| Nil | Rc |
| F | G |
| T | NPT/NPTF |

Manifold block assembly

⑫ Manifold block assembly part no.

VVQC 1 000-1A-D-C6

Wiring specification

| | |
|----------|---------------|
| D | Double wiring |
| S | Single wiring |
| 0 (Note) | No wiring |

Note) For VQC1000/2000 only.

Series

| | |
|---|---------|
| 1 | VQC1000 |
| 2 | VQC2000 |
| 4 | VQC4000 |

Note) Tie-rods (2 pcs.) for additional stations included.

Options

| | |
|----------|--------------------------------|
| Nil | None |
| B (Note) | With back pressure check valve |

Note) Except for VQC4000.

Thread type Note)

| | |
|-----|----------|
| Nil | Rc |
| F | G |
| T | NPT/NPTF |

Note) VQC 4000 thread port only

Port size

| Symbol | Port size | VQC1000 | VQC2000 | VQC4000 |
|--------|----------------------------|---------|---------|---------|
| C3 | for ø3.2 One-touch fitting | ● | | |
| C4 | for ø4 One-touch fitting | ● | ● | |
| C6 | for ø6 | ● | ● | |
| C8 | for ø8 | | ● | ● |
| C10 | for ø10 | | | ● |
| C12 | for ø12 | | | ● |
| N1 | for ø1/8" | ● | | |
| N3 | for ø5/32" | ● | ● | |
| N7 | for ø1/4" | ● | ● | ● |
| N9 | for ø5/16" | | ● | ● |
| N11 | for ø3/8" | | | ● |
| M5 | for M5 thread | ● | | |
| 02 | Rc 1/4" | | | ● |
| 03 | Rc 3/8" | | | ● |
| B | Rc 1/4" bottom ported | | | ● |
| C0 | Without one-touch fitting | ● | ● | ● |