How to fill out WXU-P manifold specifications sheet

Supply side/Return side

Create manifold specifications for both supply side and return side.

*Layout position is 1, 2... from the left with flow sensor cover facing the front. (Refer to the figure below)

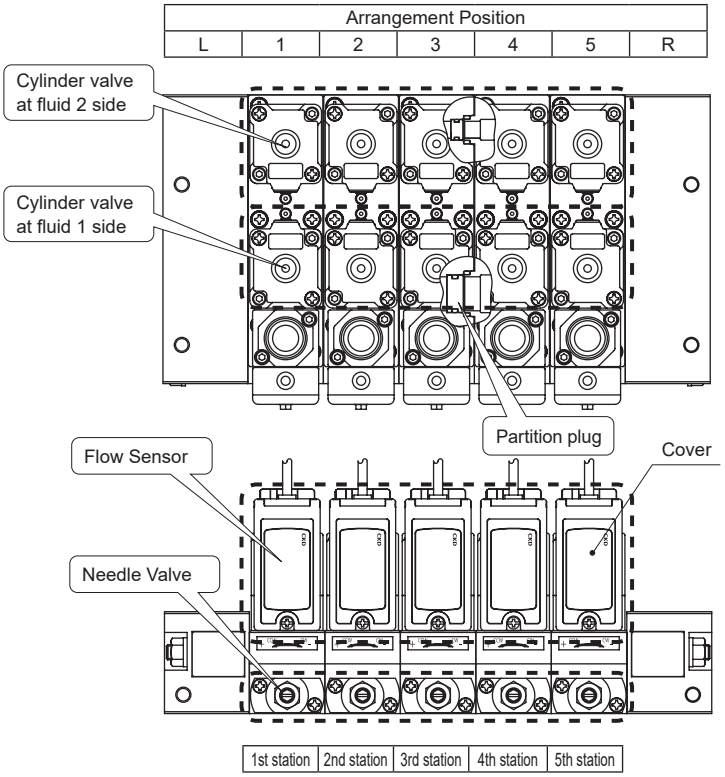
Part name	Specifications	Model No.	Flow Rate range	Connection Bore size		Flow rate sensor output ①	Flow rate sensor output ②	L	1	2	3	4	5	6	R	Quantity
In-block	Rc1, Rc1/2	-						○								1
End block	-	-													○	1
Cylinder valve at fluid 2 side [Dedicated for Water Collection Units]	NC	**GNAB-X2144-5**							○	○	○					3
	NO	**GNAB-X2190-5**										○	○			2
	Masking plate	-														
Cylinder valve at fluid 1 side [Dedicated for Water Collection Units]	NC (Standard specifications)	**GNAB-X2144-5**								○	○					2
	NO (Standard specifications)	**GNAB-X2190-5**										○				1
	NC (Large flow rate specifications)	**GNAB-X2145-5**							○							1
	NO (Large flow rate specifications)	**GNAB-X2224-5**											○			1
	Masking plate	-														
Branching port size (Supply side only)	Rc3/8	-														
	Rc1/2	-														
Flow Sensor [Dedicated for Water Collection Units] (Return side only)	Select from the following and enter in the table at right. (Refer to "Specification of mounted devices" on page 16)															
	Flow rate range: 04/12/32 Connection Port Size: 10/15 Flow rate sensor output①② : *1 Refer to (table below)	**WFK30**	04	15	-	A0	Blank		○							1
		WFK30	32	15	-	A3	Blank			○	○					2
		WFK30	04	15	-	N0	Blank					○				1
		WFK30	32	15	-	P0	N0						○			1
		WFK30			-											
	Port only For Rc3/8	-														
	Port only For Rc1/2	-														
Needle valve	For standard specifications / For large flow rate specs.	It depends on the model number of the cylinder valve at fluid 1 side.	-						○	○	○	○	○			5
Partition plug	Fluid 1 side	-										○				1
	Fluid 2 side	-										○				1
Remarks																

Specify device to be mounted for each station.

Fill in total quantity.

*1: Output variations of water flow rate sensor

Flow rate sensor output①		Flow rate sensor output② Not required	Transistor output 1 point NPN a contact	NPN b contact	PNP a contact	PNP b contact
		Blank	N0	N1	P0	P1
A0	0 to 5 VDC	●	●	●	●	●
A1	4 to 20 mA DC	●	●	●	●	●
A2	1 to 5 VDC	●	●	●	●	●
A3	0 to 10 VDC	●	●	●	●	●
N0	NPN transistor output, 2 points (a contact)	●				
N1	NPN transistor output, 2 points (b contact)	●				
P0	PNP transistor output, 2 points (a contact)	●				
P1	PNP transistor output, 2 points (b contact)	●				



Layout position illustration

CKD

WXU-H Manifold Specifications

●Contact ●Quantity set(s) ●Delivery date / /

Receipt No.	Order Received No.

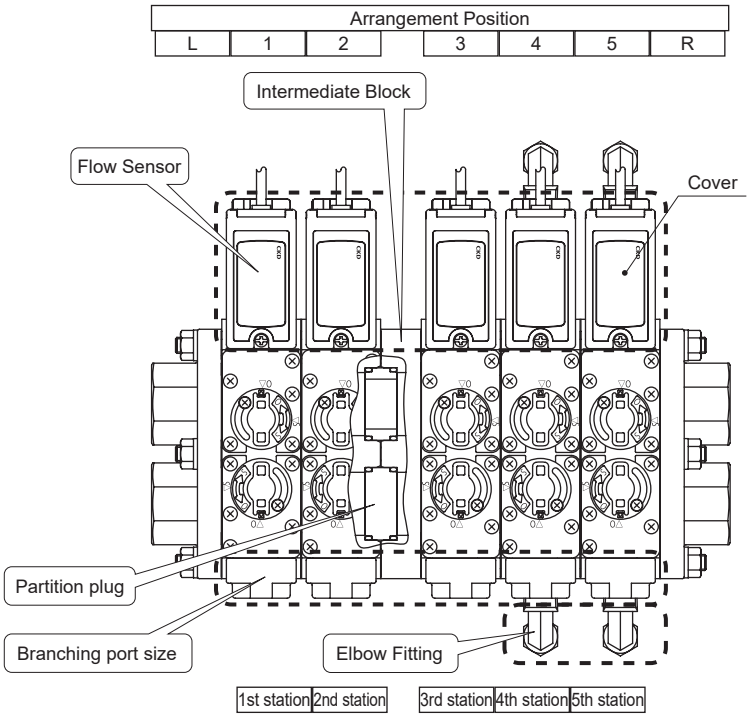
Date of Issue
Company
Attn:
P.O. No.

*Layout position is 1, 2... from the left with flow sensor cover facing the front. (Refer to the figure below)

Part name	Specifications		Model No.	Flow rate range	Connection Port Size		Flow rate sensor output ①	Flow rate sensor output ②	Arrangement Position L	1	2	3	4	5	6	7	8	9	10	R	Quantity
In-block	Rc1		-							■	■	■	■	■	■	■	■	■	■		
End block	-		-							■	■	■	■	■	■	■	■	■	■		
Flow Sensor [Dedicated for Water Collection Units] (Return side only)	Select from the following and enter in the table at right. (Refer to "Specification of mounted devices" on page 16)																				
			WFK30			-			■											■	
	Flow rate range: 04/12/32 Connection Port Size: 10/15 Flow rate sensor output①② : *1 Refer to (table below)		WFK30			-			■											■	
			WFK30			-			■											■	
			WFK30			-			■											■	
			WFK30			-			■											■	
	For port only	Rc3/8	-						■											■	
		Rc1/2	-						■											■	
Branching port size (Supply side OUT port)	Rc3/8		-						■											■	
	Rc1/2		-						■											■	
Partition plug	With intermediate block (Width 20 mm)	Supply side	-						■											■	
		Return side	-						■											■	
Elbow fitting (stainless steel) (Supply unit + Return unit Piped on both sides)	Tube, Thread Size (inch)	Compatible tube O.D. x I.D. (mm)	Manufactured by NITTA Co., Ltd. Quick seal fittings																		
	3/8	9.53 × 6.99	L1N3/8-PT3/8-S						■											■	
	1/2	12.70 × 9.56	L1N1/2-PT1/2-S						■											■	
Remarks																					

*1: Output variations of water flow rate sensor

Flow rate sensor output①		Flow rate sensor output② Not required	Transistor output 1 point NPN a contact	NPN b contact	PNP a contact	PNP b contact
		Blank	N0	N1	P0	P1
A0	0 to 5 VDC	●	●	●	●	●
A1	4 to 20 mA DC	●	●	●	●	●
A2	1 to 5 VDC	●	●	●	●	●
A3	0 to 10 VDC	●	●	●	●	●
N0	NPN transistor 2 output points (a contact)	●				
N1	NPN transistor 2 output points (b contact)	●				
P0	PNP transistor 2 output points (a contact)	●				
P1	PNP transistor 2 output points (b contact)	●				



Layout position illustration

WXU-HC Manifold Specifications

●Contact●Quantity set(s)●Delivery Date (Month/Day) /

Receipt No.	Order Received No.

Date of Issue

Company

Attn:

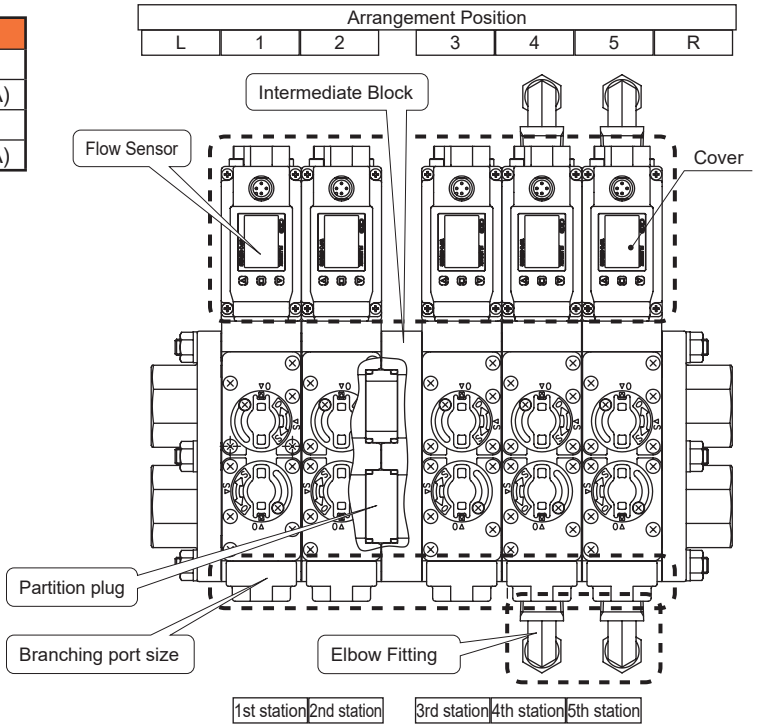
P.O. No.

*Layout position is 1, 2... from the left with the monitor of flow sensor facing the front. (Refer to the figure below)

Part name	Specifications		Model No.				Arrangement Position L	1	2	3	4	5	6	7	8	9	10	R	Quantity
In-block	Rc1		-					■	■	■	■	■	■	■	■	■	■		
End block	-		-					■	■	■	■	■	■	■	■	■	■		
Flow Sensor [Dedicated for Water Collection Units]	Select from the following and enter in the table at right.			Flow rate range / Port size		Output													
	● Flow rate range / Port size : 150-10W/600-15W ● Output: *1 Refer to (table below)		WFC-	-	-		■											■	
			WFC-	-	-		■											■	
			WFC-	-	-		■											■	
			WFC-	-	-		■											■	
			WFC-	-	-		■											■	
	For port only	Rc3/8	-				■											■	
		Rc1/2	-				■											■	
	M12 connector cable		-				■											■	
	M12L-connector cable		-				■											■	
Branching port size (Supply side OUT port)	Rc3/8		-				■											■	
	Rc1/2		-				■											■	
Partition plug	With intermediate block (Width 20 mm)	Supply side	-				■											■	
		Return side	-				■											■	
Fittings Stainless steel (Elbow) Insert type	Tube, thread size (inch)	Compatible tube O.D. x I.D. (mm)	Manufactured by NITTA Co., Ltd. Quick seal fittings																
	3/8	9.53 × 6.99					■											■	
	1/2	12.70 × 9.56					■											■	
Remarks																			

*1: Output variations of water flow rate sensor

Output	Switch Output	Analog Output
NV	NPN-Tr output	Voltage output (1 to 5 V)
NA	NPN-Tr output	Current output (4 to 20 mA)
PV	PNP-Tr output	Voltage output (1 to 5 V)
PA	PNP-Tr output	Current output (4 to 20 mA)



Layout position illustration

WXU-J Manifold Specifications

●Contact Person ●Quantity Set ●Delivery Date (Month/Day) /

Receipt No.	Order Received No.

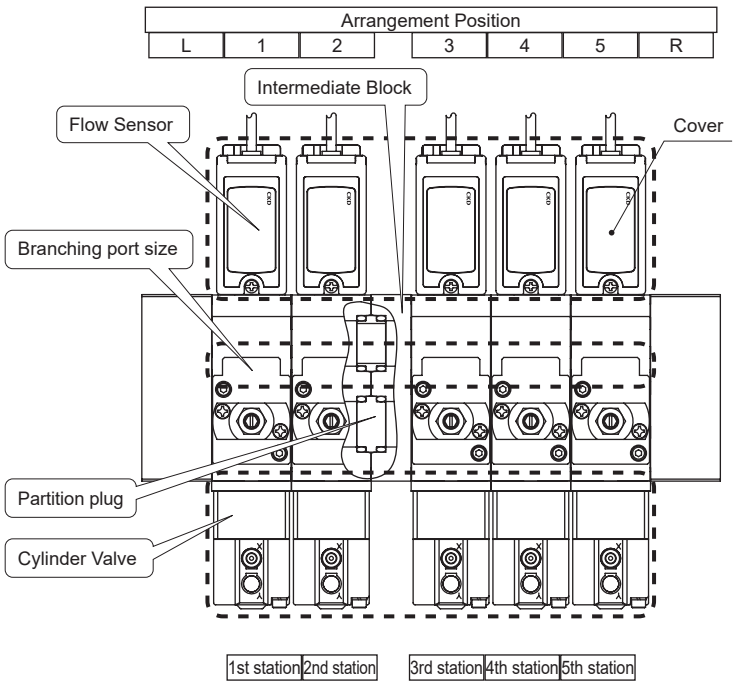
Date of Issue
Company
Attn:
P.O. No.

*Layout position is 1, 2... from the left with flow sensor cover facing the front. (Refer to the figure below)

Part name	Specifications		Model No.	Flow Rate range	Connection Bore size		Flow rate sensor output ①	Flow rate sensor output ②	Arrangement Position L	1	2	3	4	5	6	7	8	9	10	R	Quantity
In-block	Rc3/4		-																		
	Rc1		-																		
End block	-		-																		
Cylinder Valve [Dedicated for Water Collection Units]	NC		**GNAB-X2225-1**																		
	NO		**GNAB-X2226-1**																		
	Masking plate		-																		
Flow Sensor [Dedicated for Water Collection Units] (Return side only)	Select from the following and enter in the table at right. (Refer to "Specification of mounted devices" on page 16)			Flow Rate range	Connection Bore size		①	②													
	Flow rate range: 04/12/32 Connection Port Size: 10/15 Flow rate sensor output : *1 Refer to (table below)		**WFK30**			-															
			WFK30			-															
			WFK30			-															
			WFK30			-															
			WFK30			-															
	Port only For	Rc3/8	-																		
		Rc1/2	-																		
Branching port size (Supply side OUT port)	Rc3/8		-																		
	Rc1/2		-																		
Partition plug	With intermediate block (Width 20 mm)	Supply side	-																		
		Return side	-																		
Remarks																					

*1: Output variations of water flow rate sensor

		Flow rate sensor output②				
		Not required	Transistor output 1 point			
			NPN a contact	NPN b contact	PNP a contact	PNP b contact
Flow rate sensor output (1)		Blank	N0	N1	P0	P1
A0	0 to 5 VDC	●	●	●	●	●
A1	4 to 20 mA DC	●	●	●	●	●
A2	1 to 5 VDC	●	●	●	●	●
A3	0 to 10 VDC	●	●	●	●	●
N0	NPN transistor 2 output points (a contact)	●				
N1	NPN transistor 2 output points (b contact)	●				
P0	PNP transistor 2 output points (a contact)	●				
P1	PNP transistor 2 output points (b contact)	●				



Layout position illustration

WXU-P Manifold Specifications

●Contact Person ●Quantity Set ●Delivery Date (Month/Day) /

Receipt No.	Order Received No.

Date of Issue

Company

Attn:

P.O. No.

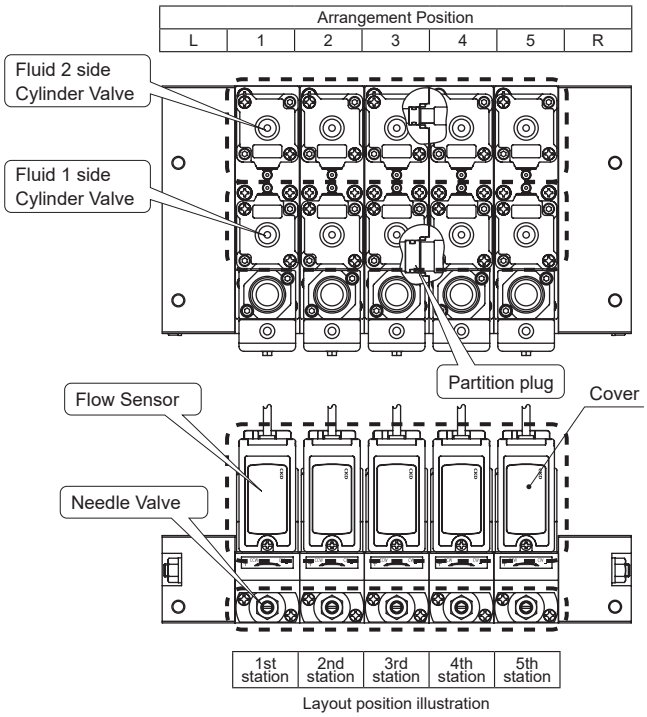
Supply side/Return side

*Layout position is 1, 2... from the left with flow sensor cover facing the front. (Refer to the figure below)

Part name	Specifications	Model No.	Arrangement Position L	1	2	3	4	5	6	R	Quantity
In-block	Rc1, Rc1/2	-									
End block	-	-									
Cylinder valve at fluid 2 side [Dedicated for Water Collection Units]	NC	**GNAB-X2144-5**									
	NO	**GNAB-X2190-5**									
	Masking plate	-									
Cylinder valve at fluid 1 side [Dedicated for Water Collection Units]	NC (Standard specifications)	**GNAB-X2144-5**									
	NO (Standard specifications)	**GNAB-X2190-5**									
	NC (Large flow rate specifications)	**GNAB-X2145-5**									
	NO (Large flow rate specifications)	**GNAB-X2224-5**									
	Masking plate	-									
Branching port size (Supply side only)	Rc3/8	-									
	Rc1/2	-									
Flow Sensor [Dedicated for Water Collection Units] (Return side only)	Select from the following and enter in the table at right. (Refer to "Specification of mounted devices" on page 16)	Flow Rate range / Connection Bore size / Flow rate sensor output ① ②									
		WFK30 -									
	Flow rate range: 04/12/32 Connection Port Size: 10/15 Flow rate sensor output①② : *1 Refer to (table below)	**WFK30** -									
		WFK30 -									
		WFK30 -									
		WFK30 -									
	For port only: Rc3/8	-									
	For port only: Rc1/2	-									
Needle valve	For standard specifications / For large flow rate specs.	It depends on the model number of the cylinder valve at fluid 1 side. -									
Partition plug	Fluid 1 side	-									
	Fluid 2 side	-									
Remarks											

*1: Output variations of water flow rate sensor

Flow rate sensor output (1)		Flow rate sensor output (2) Not required: Blank	Transistor output 1 point: NPN a contact N0	NPN b contact N1	PNP a contact P0	PNP b contact P1
A0	0 to 5 VDC	●	●	●	●	●
A1	4 to 20 mA DC	●	●	●	●	●
A2	1 to 5 VDC	●	●	●	●	●
A3	0 to 10 VDC	●	●	●	●	●
N0	NPN transistor 2 output points (a contact)	●				
N1	NPN transistor 2 output points (b contact)	●				
P0	PNP transistor 2 output points (a contact)	●				
P1	PNP transistor 2 output points (b contact)	●				



Layout position illustration