

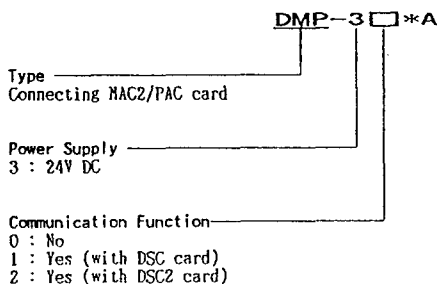
General Specifications

DMP Nest for Control Input/Output (E/P Mixture Mounting Type)

JUXTA

This connector connecting type nest for DSC can make mixture mounting of maximum total 16 JUXTA D Series signal transmitters and E/P transducers. The nest can connect to Yokogawa MAC2, PAC cards. Connector for portable manipulator (Yokogawa SPBD) by each loop is installed to support control unit or transmitter in an emergency.

- Range, parameter, etc. can be set through DSC2, DSC and Handy Terminal. (However, it depends on type of transmitter)



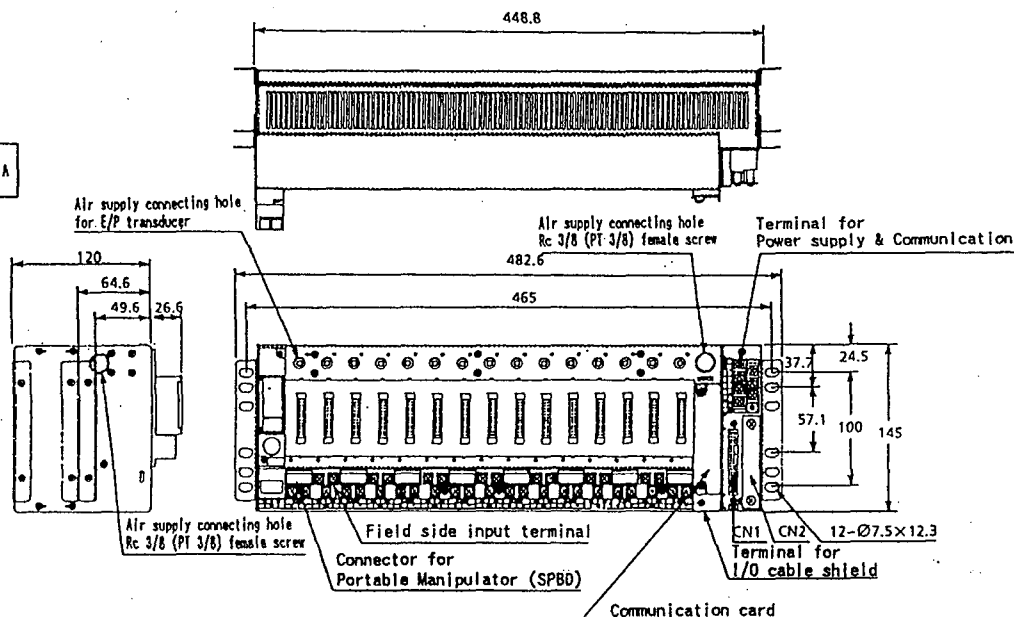
ORDERING INFORMATION
• Type Code (Example) DMP-32*A

Standard Performance	
Insulation resistance	100MΩ or more (at 500V) between input/output terminal~power supply~ground~CN1~CN2
Voltage withstand	1500V AC/minute between input terminal~output terminal, power supply, ground, CN1~CN2 500V AC/minute between output~power supply~ground~CN1~CN2
Temperature	0~50℃
Humidity	5~90%RH (no condensation)
Mounting, Shape & Accessories	
Connecting cable	KS2 for CN1, CN2
I/O signal connecting terminal	M4 screw terminal
Power supply-ground connection	M4 screw terminal
I/O cable shield connection	M3 screw terminal
Air supply connecting hole	Rc 3/8 (PT 3/8) female screw
Mounting method	Rack mount, wall mount (horizontal mount)
Nest screw	M5 x 0.8 4
Paint color	Black
Weight	5 kgs
Accessories	Blind board Set blind board for slot on which no transmitter is mounted Metal fitting1 pair Tag Number label..... 16

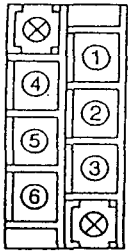
Relation between Upper System Connecting Card and Signal Transmitter			
CN1/CN2 connecting card		JUXTA D series signal transmitter	
Description	Input/output point	Mounting rule	Mounting card
(MAC2) Multipoint control analog input/output card	Input : 8 points	Mount input signal transmitter on odd numbered Slot 1,3,5~15	DA1, DT5, DR5, DN1, DF1, DP3/others
	Output : 8 points	Mount output signal transmitter on even numbered Slot 2,4,6~16	DC0, DFO
(PAC) Multipoint control pulse train input analog output card	Input : 8 points	Mount input signal transmitter on odd numbered Slot 1,3,5~15	DP1
	Output : 8 points	Mount output signal transmitter on even numbered Slot 2,4,6~16	DC0, DFO

Unit : mm

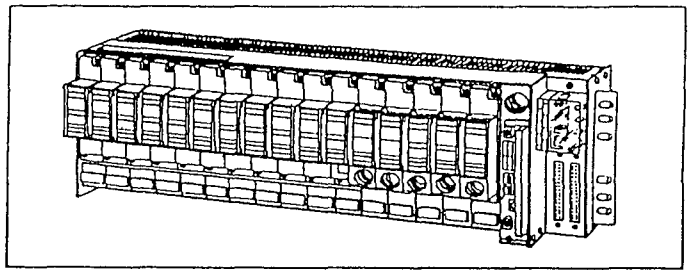
Note
Horizontal mounting on JIS, EIA specifications 19 inches rack



TERMINAL FOR POWER SUPPLY & COMMUNICATION



TML No.	DMP-30*A	DMP-31*A	
①	+	24V DC	
②	-		
③	⊥		
④	/	A (-)	RS485
⑤		B (+)	
⑥		SG	



WIRING AND PIPING FOR FIELD SIDE I/O TERMINALS AND TRANSMITTER FRONT TERMINAL

The chart below shows relation between field side I/O terminal and transmitter front terminal and its I/O signal.
For example, DM1 shows to apply +signal for field side input terminal A and -signal for terminal C and B has no connection.

I/O screw terminal : M4x0.7
Input piping : Rc 1/4 (PT 1/4) female screw
Supply side piping : Rc 3/8 (PT 3/8) female screw

Signal Conditioner's Nests	Field side input terminal symbol			Transmitter front terminal symbol				
	A	B	C	1	2	3	4	AIR
DM1, DT5	+	/	-			+	-	
DR5	coincide wiring resistance of terminals A with B					+	-	Output-2 use
DS1	coincide wiring resistance of terminals A with C					+	-	Output-2 use
DP1 DP3	2 wire type (voltage contact) Internal power supply of 2 wire type	Signal	Power Supply			+	-	Output-2 use
DH1 DH2 DH5	Internal power supply of 3 wire type	+	Power Supply			+	-	Output-2 use
DA1 DA2 DA5 DA9	2 wire transmitter use In case of no power supply					+	-	Output-2 use (Except DA9)
DG1						+	-	Output-2 use
DB1						+	-	Output-2 use
DD1						+	-	Output-2 use
DF1						+	-	Output-2 use
DFO						+	-	Output check

Signal Conditioner's Nests	Field side output terminal symbol		Transmitter front terminal symbol				
	OUT+	OUT-	1	2	3	4	AIR
DCO	+	-					
DX1	+	-					

(Note 1) 250Ω installed type cannot be used as output card (even numbered slot)

System side connecting cable		
Connector No.	Signal	Cable Type
CN1	System side connecting signal	KS1
CN2	System side connecting signal	KS1

CN1/CN2

40	39
38	37
36	35
34	33
32	31
30	29
28	27
26	25
24	23
22	21
20	19
18	17
16	15
14	13
12	11
10	09
08	07
06	05
04	03
02	01

CN1/CN2 Connector Pin Assignment

CN1/CN2 Pin No.	Slot No.	CN1/CN2 Pin No.	Slot No.
40	/	20	4 +
39	/	19	4 -
38	1 +	18	6 +
37	1 -	17	6 -
36	3 +	16	8 +
35	3 -	15	8 -
34	5 +	14	10 +
33	5 -	13	10 -
32	7 +	12	12 +
31	7 -	11	12 -
30	9 +	10	14 +
29	9 -	09	14 -
28	11 +	08	16 +
27	11 -	07	16 -
26	13 +	06	/
25	13 -	05	/
24	15 +	04	/
23	15 -	03	/
22	2 +	02	/
21	2 -	01	/

Old numbered slot : Input card
Even numbered slot : Output card

Subject to change without notice for grade up quality and performance