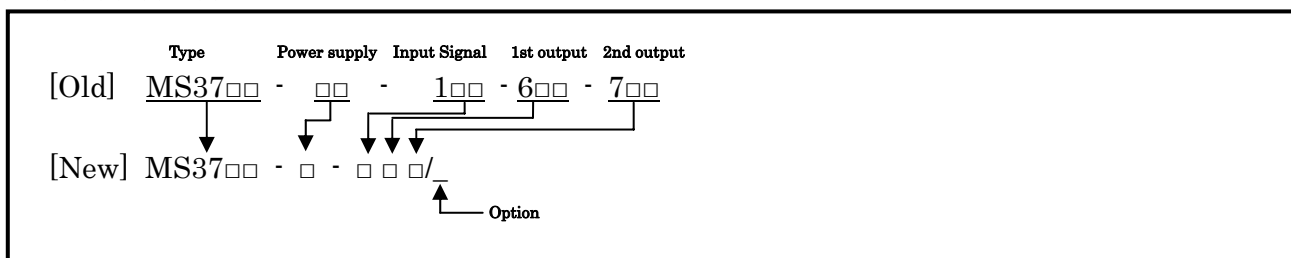




Ordering Format Old/New Cross-Reference Table MS3700

MS3700 series



Power Supply

Common to all types

Power supply	Old	New
AC85-264V	AU	A
DC24V	D1	D
DC90-121V	D4	P

Input Signal

MS3703

mV signal	Input	Old	New
	0-10VmV	V2	1
	0-100mV	V3	2
	+10mV	W2	1W
	+100mV	W3	2W
	Specified voltage signal	VX	0

Types applicable:*1(Refer to the footnote below.)

Current or voltage Signal	Input	Old	New
	4-20mA(250 ohm)	C1	A
	2-10mA	C3	B
	1-5mA	C4	C
	4-20mA(50 ohm)	C2	E
	10-50mA	C5	H
	Specified current signal	CY	Z
	0-1V	V4	3
	0-5V	V5	5
	0-10V	V6	4
	1-5V	V1	6
	+10V	W6	4W
	+5V	W5	5W
	Specified voltage signal	VX	0

*1 Types applicable to direct current and voltage signal

MS3704 MS3704IS MS3705 MS3705HA MS3713
 MS3714 MS3716 MS3725 MS3729 MS3739
 MS3739IB MS3740 MS3761 MS3762 MS3765

☞MS3704IS is for 4-20mA and 1-5V input only.

MS3701

Thermo-couples	Input	Old	New
	T/C: K	K	K
	T/C: E	E	E
	T/C: J	J	J
	T/C: T	T	T
	T/C: B	B	B
	T/C: R	R	R
	T/C: S	S	S
	T/C: N	N	N
	Others	X	0

MS3702 MS3763

RTD	Input	Old	New
	Pt100 ohm	Pt100	P1
	JPt100 ohm	JPt100	J
	Pt50 ohm	Pt50	P5
	Ni508.4 ohm	Ni508.4	N
	Others	X	Y

☞MS3763 is for Pt100 ohm only.

Input Signal

MS3706

Pressure or Loadcell	Input	Old	New
	Excitation 5V DC	E2	E2
	Excitation 10V DC	E3	E3
	Specified excitation	EY	0
	0-10mV	V2	1
	0-100mV	V3	2
	+/-10mV	W2	1W
	+/-100mV	W3	2W
	Specified voltage signal	W3	2W

MS3772

RTD	Input	Old	New
	Pt100 ohm(ITS-90)	ITS	P1
	Pt100 ohm (IPTS-68)	IPTS	P2
	JPt100 ohm	JPt100	J
	Pt50 ohm	Pt50	P5

MS3773

Current or Voltage Signal	Input Range	Old	New
	20mV	20mV	1
	40mV	40mV	2
	80mV	80mV	3
	160mV	160mV	4
	320mV	320mV	5
	640mV	640mV	6
	1V	1V	7
	2V	2V	8

MS3708 MS3709 MS3711

Pulse	Input	Old	New
	Dry or Open Collector	OP	O
	AC voltage pulse	AP	A
	DC voltage pulse	DP	D
	DC current pulse	IP	I
Specified input signal,threshold voltage other than above	DP(□-□/ SH□SL□)	Y	

MS3720

CT	Input	Old	New
	0-1A AC	M1	1
	0-5A AC	M2	5

MS3721

PT	Input	Old	New
	0-110V AC	N1	1
	0-150V AC	N2	2
	0-300V AC	N3	3
	Specified voltage signal	NX	0

MS3728

Tacho- generator	Input	Old	New
	0-50mV	N1	1
	0-1V	N2	2
	0-10V	N3	3
	0-100V	N4	4
	0-200V	N5	5
	Specified voltage signal	NX	0

[Items to be specified on order]

☞ For thermocouple and RTD input, the measurement temperature range must be specified.
(Ex.)MS3701-A-KA(0-1000 degree C)

☞ For pulse input, the measurement frequency range must be specified.
(Ex.)MS3708-A-DA(0-500Hz)

☞ When the input/output code is "Z" for the specified current, "0" for the voltage or "Y" for the other signals, the input and output, and the measurement range should be entered in ().
(Ex.)MS3704-A-0A(input 0-4V)

Output Signal

Common to all types:*2(Refer to the footnote below)

Current or Voltage Signal	Output Signal	Old	New
	4-20mA	C1	A
	0-20mA	C2	D
	Specified current signal	CY	Z
	0-10mV	V1	1
	0-100mV	V3	2
	0-1V	V4	3
	0-5V	V5	5
	0-10V	V6	4
	1-5V	V1	6
	+/-10mV	W2	1W
	+/-100mV	W3	2W
	+1V	W4	3W
	+10V	W6	4W
	+5V	W5	5W
	Specified voltage signal	VX	0

MS3764

Current or Voltage Signal	Output Signal(2ch)	Old	New
	4-20mA	C1	A
	1-5V	V1	V

MS3771 MS3772 MS3773 MS3774

Current or Voltage Signal	Output Signal	Old	New
	4-20mA/1-5V	C1	A1
	4-20mA/4-20mA	C9	A2
	0-10V/0-10V	V6	4W
	0-5V/0-5V	V5	5W
	1-5V/1-5V	V1	6W

*2 Types applicable to direct current and voltage signals
 MS3701 MS3702 MS3703 MS3704 MS3704IS MS3706 MS3707
 MS3708 MS3710 MS3713 MS3714 MS3716 MS3717 MS3720
 MS3721 MS3725 MS3728 MS3738 MS3739 MS3739IB MS3740
 MS3761 MS3762 MS3763 MS3765

- ☞MS3704IS is for 4-20mA or1-5V output only.
- ☞For MS3707 , +/-10mV, +/-100mV, +/-1V, +/-10V, and +/-5V are not available.

MS3705 MS3705HA

Alarm Setter	Output Function	Old	New
	1st output mode	RY1(H/L)	H/L
	2nd output mode	RY2(H/L)	H/L

MS3709 MS3711

Pulse	Output Signal	Old	New
	TTL Level	TT	1
	Open Collector	OP	2
	DC voltage pulse 10V	V6	3
	DC voltage pulse 12V	V7	4

MS3729

Pulse	Output Signal	Old	New
	TTL Level	TT	1
	Open Collector	OP	2
	Photo Moss relay	MO	5

Option

Common to all types

Option	Specified item	Old	New
	Nil	No Mark	No Mark
	Special order	-	/X

Types applicable *3(Refer to the footnote below.)

Option	Specified item	Old	New
	Fast responsive type(10msec max:0-90%)	Tc:10msec	/K

*3 Types applicable to fast response specifications

(10msec max:0~90%)

MS3701 MS3702 MS3703 MS3704 MS3706 MS3707
 MS3710 MS3713 MS3717 MS3725 MS3740 MS3761
 MS3762 MS3763

MS3701 MS3771 MS3772 MS3773

Option	Specified item	Old	New
	Burn-out:Down scale	BD	/D

MS3709 MS3711

Option	Sensor power supply	Old	New
	24V(2-wire)	2E1	/A
	12V(2-wire)	2E4	/B
	24V(3-wire)	3E1	/C
	12V(3-wire)	3E4	/D

☞When multiple options are required, the code characters shall be entered in succession like/(KDX).

☞For further details of the specifying manner, refer to the specifications sheet for each type.

☞Items to be specified:For special orders
 (Response time,Response Frequency,etc.)
 (Ex.)/X(Response time 5msec max:0-90%)
 (Response frequency 50Hz)