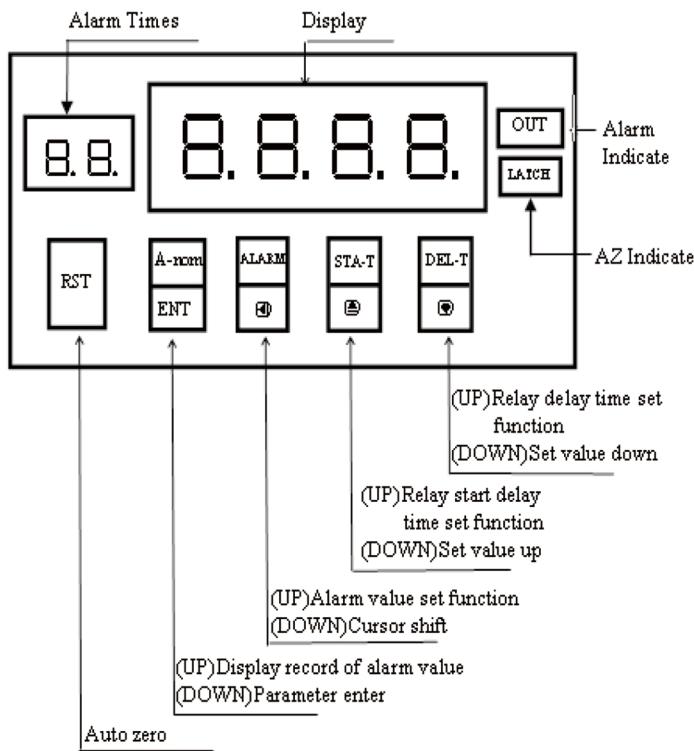


MICROPROCESS PANEL MONITOR METER

MCM-1 OPERATION MANUAL



[PARAMETER DESCRIPTION]

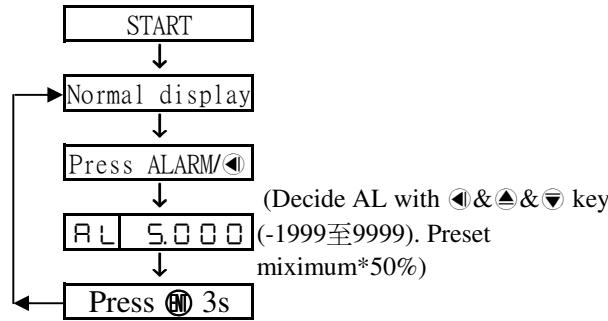
- ◎ "C d" (Pass code: The Pass code is right into next page.
Otherwise return normal display)
- ◎ "R L" (Alarm value setting 0~9999)
- ◎ "S E" (Relay start delay time setting 0~99.9s)
- ◎ "d E" (Alarm delay time setting 0~99.9s)
- ◎ "d P" (Decimal point setting)
- ◎ "d L" (minimum value of display setting)
- ◎ "d H" (maximum value of display setting)
- ◎ "R E" (Decide alarm active: HI, LO, GO or HL)
- ◎ "H H" (Alarm hysteresis setting 0~100% (alarm value = 100%))
 - While $R E = HI$: $Display \geq AL + (AL * HY) \Rightarrow (Relay on)$;
 $Display \leq AL - (AL * HY) \Rightarrow (Relay off)$
 - While $R E = LO$: $Display \geq AL + (AL * HY) \Rightarrow (Relay off)$;
 $Display \leq AL - (AL * HY) \Rightarrow (Relay on)$
 - While $R E = GO$: $AL + (AL * HY) \leq display \leq AL - (AL * HY)$
(Relay on). Otherwise (Relay off)
 - While $R E = HL$: $AL + (HY * AL) > display > AL - (AL * HY)$
(Relay off). Otherwise (Relay on)
- ◎ "r E" (Reset record of alarm value and alarm times)
- ◎ "L C" (Panel luck setting)
- ◎ "d P" (Adjust display minimum)
- ◎ "d S" (Adjust display maximum)

[Connect diagram]

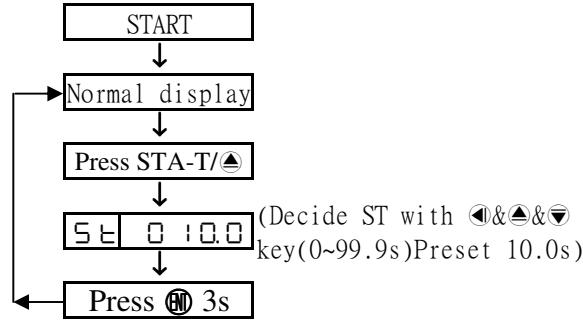
(DC,AC,TC,R)	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>IN (HI)</td><td></td><td></td><td>IN (Lo)</td><td>com</td><td>NC</td><td>NO</td><td></td><td></td><td>220V 110V 0V AC SOURCE</td></tr> <tr><td colspan="7"></td><td>OUT</td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	IN (HI)			IN (Lo)	com	NC	NO			220V 110V 0V AC SOURCE								OUT		
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IN (HI)			IN (Lo)	com	NC	NO			220V 110V 0V AC SOURCE																						
							OUT																								
(Potentiometer)	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>IN (HI)</td><td>EXC</td><td>IN (Lo)</td><td>com</td><td>NC</td><td>NO</td><td></td><td></td><td></td><td>220V 110V 0V AC SOURCE</td></tr> <tr><td colspan="7"></td><td>OUT</td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	IN (HI)	EXC	IN (Lo)	com	NC	NO				220V 110V 0V AC SOURCE								OUT		
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IN (HI)	EXC	IN (Lo)	com	NC	NO				220V 110V 0V AC SOURCE																						
							OUT																								
(Pt-100)	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>B1</td><td>B2</td><td>A</td><td></td><td>com</td><td>NC</td><td>NO</td><td></td><td></td><td>220V 110V 0V AC SOURCE</td></tr> <tr><td colspan="7"></td><td>OUT</td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	B1	B2	A		com	NC	NO			220V 110V 0V AC SOURCE								OUT		
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B1	B2	A		com	NC	NO			220V 110V 0V AC SOURCE																						
							OUT																								
(Two-wire Transmitter)	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>EXC 24V</td><td></td><td>IN</td><td></td><td>com</td><td>NC</td><td>NO</td><td></td><td></td><td>220V 110V 0V AC SOURCE</td></tr> <tr><td colspan="7"></td><td>OUT</td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	EXC 24V		IN		com	NC	NO			220V 110V 0V AC SOURCE								OUT		
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EXC 24V		IN		com	NC	NO			220V 110V 0V AC SOURCE																						
							OUT																								
(Load Cell)	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>IN (HI)</td><td>EXC</td><td>COM</td><td>IN (Lo)</td><td>com</td><td>NC</td><td>NO</td><td></td><td></td><td>220V 110V 0V AC SOURCE</td></tr> <tr><td colspan="7"></td><td>OUT</td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	IN (HI)	EXC	COM	IN (Lo)	com	NC	NO			220V 110V 0V AC SOURCE								OUT		
1	2	3	4	5	6	7	8	9	10																						
IN (HI)	EXC	COM	IN (Lo)	com	NC	NO			220V 110V 0V AC SOURCE																						
							OUT																								

[FUNCTION KEY CALL OUT]

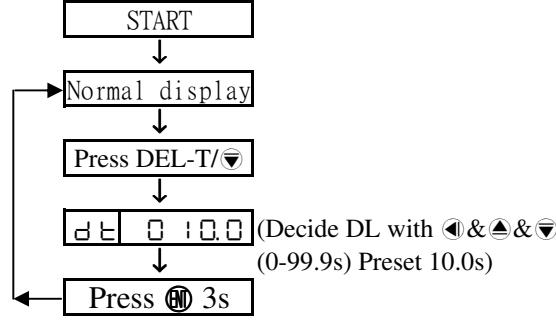
1. Alarm value setting



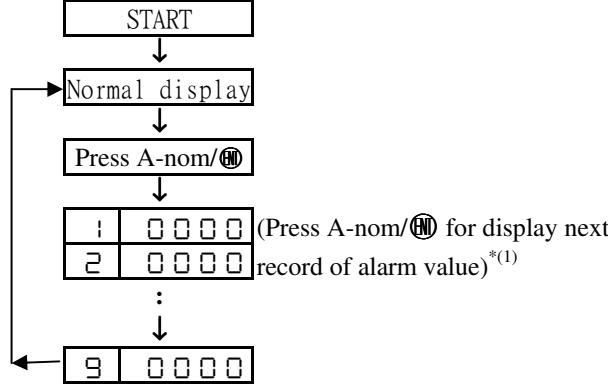
2. Relay star delay time



3. Alarm delay time setting



4. Display record of alarm value



Note(1):It will recover while alarm times > 9

Note(2):It's like use digital VR while DZ and DS

Note(3):It will return normal display while press ▲&▼ at same time

Note(4):It will return normal display while no key in 30s in any page

Note(5):The preset value is show in operation manual

[PARAMETER OPERATION MANUAL]

