



### Current monitors

Displays and/or monitors true RMS AC current signal from current transformers.

type	description	4-20mA	range	re-tx	relays
P49CMA1-1	AC current monitor	–	0 - 1 A	–	1
P49CMA1-1-T	AC current monitor	yes	0 - 1 A	yes	1
P49CMA1-5	AC current monitor	–	0 - 5 A	–	1
P49CMA1-5-T	AC current monitor	yes	0 - 5 A	yes	1
P49CMD1	DC current monitor	–	0-50mV*	–	1
P49CMD1-T	DC current monitor	yes	0-50mV*	yes	1

\* Other voltages available on request      0-10V re-transmit available on request

### Temperature controllers

Displays and/or monitors temperature from various temperature sensors.

		sensor			
P49TC1*	temperature controller	TS3 probe	-30°C to 105°C	–	1
P49TC2*	temperature controller	TS3 probe	-30°C to 105°C	–	2
P49TCT1	temp controller & 24hr timer	TS3 probe	-30°C to 105°C	–	2
TS3	temperature probe for above controllers		(3 meter cable) longer cable per meter		
* Can be used with one or two TS3 temperature probes (for high and low temp monitoring)					
P49HTC1	temperature controller	PT100	-50°C to 440°C	–	1
P49HTC1-T	temperature controller	PT100	-50°C to 440°C	yes	1
P49HTCT1	temp controller & 24hr timer	PT100	-50°C to 440°C	–	2
P49TTC1	temperature controller	thermocouple	-50°C to 1320°C	–	1
P49TTC1-T	temperature controller	thermocouple	-50°C to 1320°C	yes	1
P49TCT1	temp controller & 24hr timer	thermocouple	-50°C to 1320°C	–	2

For type J,K,R,S,T,N thermocouples      4-20mA or 0-10V re-transmit available on request

### Signal indicators / monitors – 4 - 20 mA LOOP

Displays and/or monitors transducer generated signals with outputs 4-20mA as real world values from -999 to 9999 for indicating voltage, current, temperature, pressure etc. and displaying in real values.

P49LM0	loop indicator	–	0-20mA/4-20mA	–	0
P49LM0-P	loop indicator	24 VDC power supply	0-20mA/4-20mA	–	0
P49LM0-T	loop indicator	4-20mA	0-20mA/4-20mA	yes	0
P49LM0-P-T	loop indicator	24V power supply	A/4-20mA	yes	0
P49LM1	loop monitor	–	0-20mA/4-20mA	–	1
P49LM1-P	loop monitor	24 VDC power supply	0-20mA/4-20mA	–	1
P49LM1-T	loop monitor	4-20mA	0-20mA/4-20mA	yes	1
P49LM1-P-T	loop monitor	24V power supply	A/4-20mA	yes	1

Re-transmit available as 0-10V on request

### Signal indicator / monitors – 0 - 10V input

Displays and/or monitors transducer generated signals with outputs 0-10V as real world values from -999 to 9999 for indicating voltage, current, temperature, pressure etc. and displaying in real values.

P49SM0-10	signal indicator	–	0 - 10V*	–	0
P49SM0-10-T	signal indicator	4-20mA	0 - 10V*	yes	0
P49SM1-10	signal monitor	–	1 - 10V*	–	1
P49SM1-10-T	signal monitor	4-20mA	1 - 10V*	yes	1

\* Available with a 0-5V or 10K potentiometer input

### RPM / pulses per hour

Displays and/or monitors speed (RPM) relay remains energised while monitored speed is within pre-set parameters.

P49RPM1	RPM monitor	–	2pph - 9999rpm	–	1
P49RPM1-T	RPM monitor	4-20mA	2pph - 9999rpm	yes	1

Note: 0-10V re-transmit output available on request