



### 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.

type	description		range	re-tx	relays
P44LM0	loop indicator	–	0-20mA/4-20mA	–	0
P44LM0-P	loop indicator	24 VDC power supply	0-20mA/4-20mA	–	0
P44LM0-T	loop indicator	4-20mA	0-20mA/4-20mA	yes	0
P44LM1	loop monitor	–	0-20mA/4-20mA	–	1
P44LM1-P	loop monitor	24 VDC power supply	0-20mA/4-20mA	–	1
P44LM1-T	loop monitor	4-20mA	0-20mA/4-20mA	yes	1

Note: 0-10V re-transmit output available 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.

P44SM0-10	signal indicator	–	0 - 10V*	–	0
P44SM0-10-T	signal indicator	4-20mA	0 - 10V*	yes	0
P44SM1-10	signal monitor	–	1 - 10V*	–	1
P44SM1-10-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 NO-NPN proxi, (PNP available on request).

P44RPM1	RPM monitor	–	2pph - 9999rpm	–	1
P44RPM1-T	RPM monitor	4-20mA	2pph - 9999rpm	yes	1

### 48 x 96 – Digital timing devices and pre-select counter

48 x 96 mm panel mounting digital timing, counting, control and monitoring devices are available in a compact housing design. Offer many innovative features such as various relay output options as well as “re-tx” (re-transmit) function offering an additional 4-20 mA output with specific monitoring devices.

- Standard supply voltages AC: 12V, 24V, 48V, 110V, 240V, 400V, 500V, 525V  
DC: 12V, 24V, 48V (isolated supply available on request)  
DC: 5V, 18-36V, 36-72V (isolated supply available on request)

type	description	4-20mA	range	re-tx	relays
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Feature ability to continue from where left off in the event of a power loss during timing.

P49MFT1	multi-function timer	–	1sec - 9999 hrs	–	1
P49ACT1	accumulation timer	–	1sec - 100 hrs	–	2
P49RHM1	running hour meter	–	1sec - 9999 hrs	–	1
P49CNT1	counter / frequency monitor	–	4 digit mode	–	1
P49CWT1	digital clockwork timer	–	0-100min or hrs	–	1

### Voltage indicator / monitor

Displays and/or monitors true RMS single or three phase supply voltages.

P49VM11	single phase voltage monitor	–	0 - 300V*	–	1
P49VM11-T	single phase voltage monitor	yes	0 - 300V*	yes	1

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

P49VM30(N)	3 ph voltage & frequency indicator	–	0 - 500V	–	0
P49VM31(N)	3 ph voltage & frequency monitor	–	0 - 500V	–	1

(N) software selectable neutral monitoring as well

P49VMD0	DC voltage indicator	–	0 - 150V*	–	0
P49VMD1	DC voltage monitor	–	0 - 150V*	–	1
P49VMD1-T	DC voltage monitor	yes	0 - 150V*	yes	1

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

### Frequency indicator / monitor

Displays and/or monitors mains supply frequency.

P49SFM1	single phase frequency monitor	–	0 - 9999Hz	–	1
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