

RECORD Panel Meters

MOVING COIL INDICATORS



- Six Standard Sizes
- Accuracy to $\pm 2,5\%$
- Short Scale Presentation
- Dial Marking to Customer Requirements
- Optional Illumination
- A.C. or D.C. Inputs Available

OVERVIEW

This family of inexpensive, rectangular and square fronted panel meters have been designed for use in various industrial applications.

The MP 40, 80 & 120 meters have a square front bezel presentation. The MP 210, 220 & 230 indicators have a rectangular front bezel appearance.

All meters use a moving coil movement with knife edge pointer and white dial.

Dials are marked to the customers requirements and can include coloured indices /lines/bands, dual/multi-scales and customers name/logo etc.

Instruments are available for A.C. or D.C. applications. For large A.C. or D.C. current and voltage applications we can supply complete with external/voltage transformers, shunts, or suitable transducer.

OPTIONAL FEATURES

An optional illumination feature for the MP80 and 120 meters is available at an additional cost.



Technical data

type	accuracy class	pointer deflection	dimensions (mm)	weight (approx.)
MP, MuP, MiP 40	2,5	90	40 x 40 x 35	0.035 kg
MP, MuP, MiP, MkP 80, MP 80-0	1,5	80	80 x 80 x 53	0,2 kg
MP, MuP, MiP, MkP 120, MP 120-0	1,5	80	120 x 120 x 60	0,3 kg
MP, MuP 210, MP 210-0	2,5	95	53 x 43,5 x 44	0,05 kg
MP, MuP 220, MP 220-0	1,5	100	77,5 x 60,5 x 52,5	0.08 kg
MP, MuP 230, MP 230-0	1,5	100	102,5 x 76,5 x 52,5	0.11 kg
MP, MuP220-T, MP 220-T0	1,5	100	102,5 x 76,5 x 56,5	0,14 kg

Panel Instruments

type	range
MP 40	60 μ A \div 4A, xA/60mV DC 10mV \div 600V DC
MuP 40	150 μ A \div 40A AC 2,5V \div 250V AC
MiP 40	150mA \div 1A AC
MP 80, 120	10 μ A \div 60A, xA/60mV, xA/150mV DC 10mV \div 600V, xkV/10V DC +20°C \div +1600°C
MP 800, 1200	\pm 100 μ A \div \pm 60A, \pm xA/60mV, \pm xA/150mV DC \pm 60mV \div \pm 600V DC
MuP 80, 120	100 μ A \div 400mA AC 2,5V \div 600V AC 400n/min \div 10000n/min
MiP 80, 120	10mA \div 10A AC
MkP 80, 120	-200°C \div +550°C 16 Ω , 100 Ω
MP 210	60 μ A \div 6A, xA/60mV DC 40mV \div 600V DC
MP 210-0	\pm 60 μ A \div \pm 6A DC \pm 40mV \div \pm 600V DC
MuP 210	100 μ A \div 60A, xA/1A, xA/5A AC 6V \div 600V AC
MP 220, 230	40 μ A \div 6A, xA/60mV DC 15mV \div 600V, xkV/10V DC +20°C \div +2500°C
MP 220-0, 230-0	\pm 40 μ A \div \pm 6A, \pm xA/60mV DC \pm 25mV \div \pm 600V, \pm xkV/10V DC
MuP 220, 230	100 μ A \div 60A, xA/1A, xA/5A, AC 6V \div 600V, xkV/100V AC 400n/min \div 10000n/min
MP 220-T, 230-T	40 μ A \div 60A, xA/60mV DC 15mV \div 600V, xkV/10V DC +20°C \div +2500°C
MP 220-T0, 230-T0	\pm 40 μ A \div \pm 60A, \pm xA/60mV DC \pm 25mV \div \pm 600V, \pm xkV/10V DC
MuP 220-T, 230-T	100 μ A \div 60A, xA/1A, xA/5A AC 6V \div 600V, xkV/100V AC 400n/min \div 10000n/min