

K3MA Digital Panel Meters

Available as a process meter, a frequency/rate meter or a temperature meter. All are equipped with the same quality display and have the same short mounting depth of 80 mm.



Overall Benefits:

- Scaling values allows K3MA's to interface with PLC's
- Ideal for applications where remote or multiple displays are needed
- 2-Color display allows user to quickly identify application status
- NEMA 4X (IP66) rating provide water and dust-proof protection

Applications

- Plastic Injection Machines
- Shrink Wrap Machines
- Vertical Packaging Machines
- Safety Systems
- Heat Tunnels
- Robotic Systems
- Horizontal Packaging Machines
- Conveyor Systems

Markets

- Automotive
- Packaging
- Semiconductor
- Waste Water Treatment Plants
- Security Detention Centers
- Energy

K3MA-J Process Meter

- The compact size saves panel space
- The diverse inputs allows the K3MA-J to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- The teaching function allows the user to specify value of parameters.
- Hysteresis comparative outputs can be set to prevent chattering in the output that is useful in monitoring various systems for malfunction or determining whether products are within acceptable limits.

K3MA-L Temperature Meter

- The compact size saves panel space
- Broad range of inputs allows the K3MA-L to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- Averaging processing function stabilizes displayed values to minimize flicker by averaging the fluctuating input signals.
- Level lockouts allows user to lock in settings and prohibit others from changing them.

K3MA-F Frequency/Rate Meter

- The compact size saves panel space
- The diverse inputs allows the K3MA-F to be used in many applications
- Two color LED's can be programmed to change according to the status of the comparison criterion.
- The startup compensation time cancels measurement for a predetermined time when turning power ON. This prevents unwanted output due to temporary input fluctuations.
- Auto-zero time sets the time for the display to return to zero when input pulses stop.

Ordering Information

| | | | |
|--------|----------------------------|-------------|--|
| K3MA-J | Quick Link | X324 | omron247.com |
| K3MA-L | Quick Link | X329 | omron247.com |
| K3MA-F | Quick Link | X323 | omron247.com |

| Indicator | Supply voltage | Input type and ranges | Output | Model |
|----------------------|----------------|--|-----------------------------------|----------------------|
| Process meter | 100 to 240 VAC | DC voltage: 0 to 5 V, 1 to 5 V, -5 to 5 V, -10 to 10 V | 2 relay contact outputs (SPST-NO) | K3MA-J-A2 100-240VAC |
| | 24 VAC/VDC | | 2 relay contact outputs (SPST-NO) | K3MA-J-A2 24VAC/VDC |
| Temperature meter | 100 to 240 VAC | Platinum-resistance thermometer: Pt100, JPt100 Thermocouple: K, J, T, E, L, U, N, R, S, B | 1 relay contact output (SPDT) | K3MA-L-C 100-240VAC |
| | 24 VAC/VDC | | 1 relay contact output (SPDT) | K3MA-L-C 24VAC/VDC |
| Frequency/rate meter | 100 to 240 VAC | Rotary pulse - No voltage: 0.05 to 30.00 Hz | 2 relay contact outputs (SPST-NO) | K3MA-F-A2 100-240VAC |
| | 24 VAC/VDC | | 2 relay contact outputs (SPST-NO) | K3MA-F-A2 24VAC/VDC |