

## Gaumer Electronic Controls

### Series MC2, Fuzzy Logic, Digital Indicating

#### APPLICATIONS

The MC2 Series Controller with Fuzzy Logic can be used as a replacement for most electronic controllers in service today. This controller is suitable for applications requiring accurate temperature control, especially where conditions such as flow and/or heat loss may change rapidly. Configurable in the field to a wide range of inputs, the control offers a lot of versatility.

#### STANDARD FEATURES

The MC2 Series digital electronic temperature control features a fuzzy logic algorithm which automatically tunes the PID (Proportional, Integral, Derivative) at startup. This eliminates a time consuming and complicated task previously required. Once on line, Fuzzy Logic is available to correct any upset process conditions which may develop and return the process to accurate temperature control.



\* Includes second output for Cooling (Relay Output) and also re-transmission.

Gaumer Catalog Number	Features	Input	Output	Size	Wt. (lbs.)
MC-2838-101-00	1 Alarm	TC, RTD, DCV, Dcma	Relay	1/4 DIN	1.0
MC-2838-201-00	1 Alarm	TC, RTD, DCV, Dcma	SSR DC	1/4 DIN	1.0
MC-2838-301-00	1 Alarm	TC, RTD, DCV, Dcma	4-20 ma	1/4 DIN	1.0
MC-2838-202-00	2 Alarms	TC, RTD, DCV, Dcma	SSR DC	1/4 DIN	1.0
MC-2838-302-00	2 Alarms	TC, RTD, DCV, Dcma	4-20 ma	1/4 DIN	1.0
MC-2838-203-00	3 Alarms	TC, RTD, DCV, Dcma	SSR DC	1/4 DIN	1.0
MC-2838-303-00	3 Alarms	TC, RTD, DCV, Dcma	4-20 ma	1/4 DIN	1.0
MC-2838-333-11*	2 Alarms	TC, RTD, DCV, Dcma	4-20 ma	1/4 DIN	1.0
MC-2538-101-00	1 Alarm	TC, RTD, DCV, Dcma	Relay	1/8 DIN	0.8
MC-2538-201-00	1 Alarm	TC, RTD, DCV, Dcma	SSR DC	1/8 DIN	0.8
MC-2538-301-00	1 Alarm	TC, RTD, DCV, Dcma	4-20 ma	1/8 DIN	0.8
MC-2438-101-00	1 Alarm	TC, RTD, DCV, Dcma	Relay	1/16 DIN	0.6
MC-2438-201-00	1 Alarm	TC, RTD, DCV, Dcma	SSR DC	1/16 DIN	0.6
MC-2438-301-00	1 Alarm	TC, RTD, DCV, Dcma	4-20 ma	1/16 DIN	0.6