

## comparison of characteristics

characteristic	VMV-0031	VMV-0131
normally 3 independently adjustable switch channels with relay output	yes	yes
compact plastic case with optional hat rail / supporting rail attachment	yes	yes
connection for optional external indicators / operating units	yes	yes
cable disruption detection for the connected sensor	yes	yes
by DIP switches any time configurable: - input voltage divider - signal attenuation (switch inactivity) - input signal - switching hysteresis (protection against relay chatter) - switch function of the output relays	no	yes
switch relay suitably to the switching of 230 V of alternating voltage	no	yes

## technical specifications: VMV-0031 and VMV-0131

input signal	4...20 mA (1...9 mA)
power supply	24 V AC -20 % / +10 % / 24 V DC -10 % / +40 %
current consumption	max. 100 mA (without sensor)
sensor excitation	21 V DC
cage dimension	80 mm x 67 mm x 41 mm
degree of protection	IP40
operating temperature	0 °C to +70°C