EM-M20 POTENTIOMETER CONVERTER FOR 4...20 mA CURRENT LOOP



FEATURES:

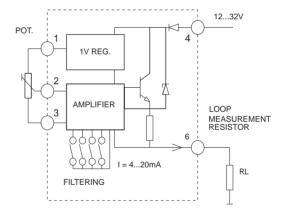
- Wide operating voltage range
- Operates in current loop
- Selectable filtering
- Adjustable zero and gain
- Over voltage protected
- Incorrect polarity protected
- Easy to connect
- Rail mountable

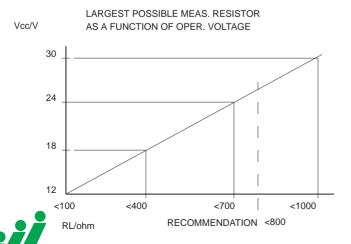
EM-M20 converts the position information of a potentiometer to milliampere signal (4...20 mA). Converter acquires its operating voltage from the current loop and needs no additional supply. Adjustments have no mutual effect. This makes the adjusting more easy and faster. The filtering can be selected from four alternatives to be suitable for different applications. Versatile protection circuits protect the converter from interfering peaks, over voltage and incorrect connections.

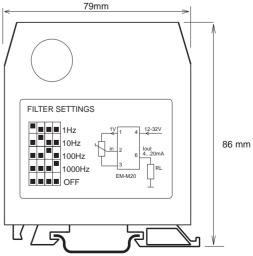
TECHNICAL DATA:

Supply
Output range
Linearity error
Thermal drift
Current loop resistor
Potentiometer
Usable potentiometer
High frequency limit
Oper. ambient temp.

12...32 Vdc 4...25 mA < 0.1 % < 50 ppm/°C 0...800 ohm > 1 kohm 1...10 kohm 1, 10, 100, 1000 Hz 0...60 °C







WIDTH OF THE HOUSING IS 25 mm

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