

Product Information

CP Measuring Converter

MU2011



In order to incorporate measurements into smaller-scale existing remote control systems, it may be desirable - depending on the GW16 category required - to record these readings in these installations and display them in the control room or even archive them. Our MU 2011 provides you with a standardized DIN IEC 60381-1 compliant current signal via the secondary terminals.

CP Measuring Converter

Mu2011 Product Details

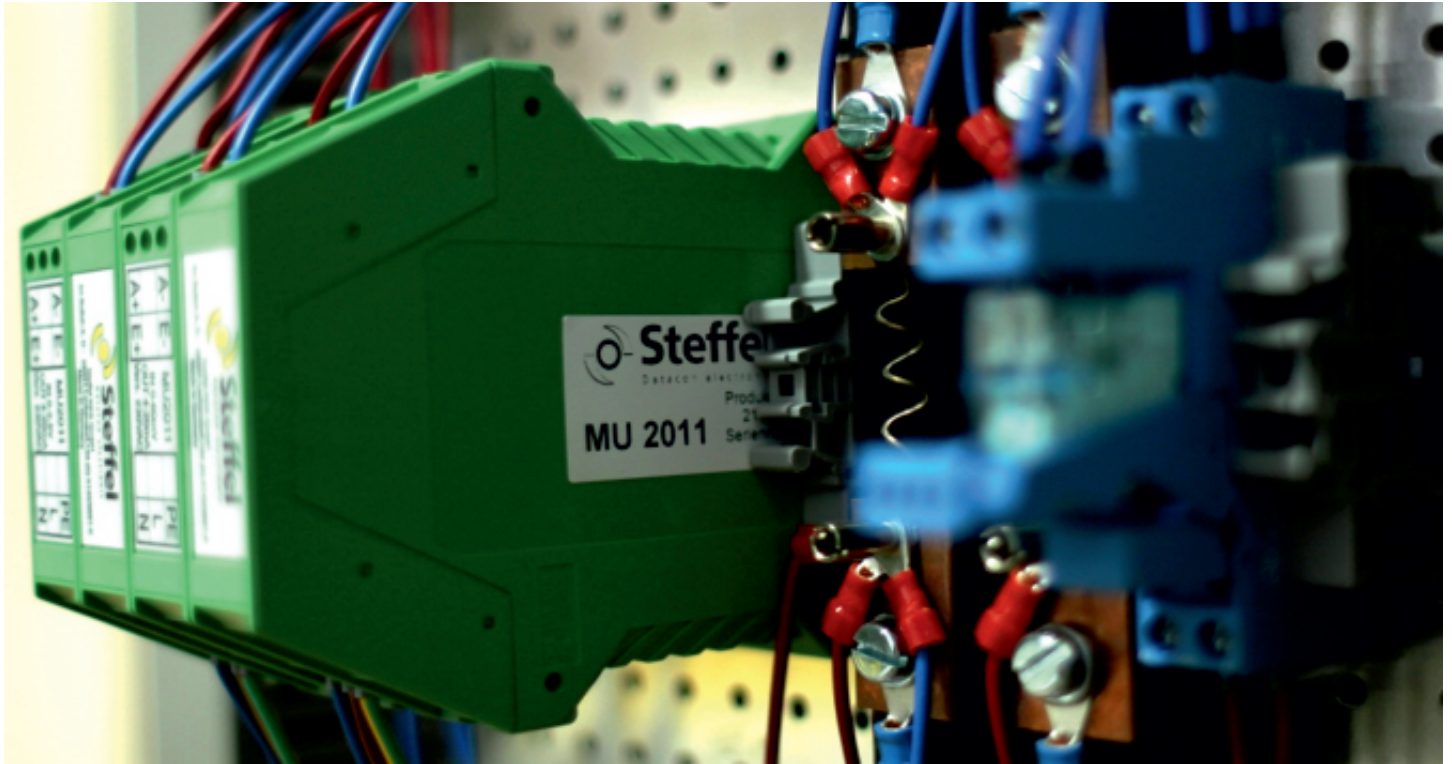
- Processes CP measurements for classical remote control systems or PLC (via a 0/4-20mA signal)
- 3 versions for standard CP measuring ranges (40V / 2,5V and 60mV)
- Internal electrical isolation
- AC filter
- Simple rail-mounted installation as per DIN
- Space-saving series installation possible
- 230V AC or 24V DC power supply
- High input impedance



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Incorporating CP data

Classical data transmission systems are not suitable for recording CP measurements because, for one thing, the measuring inputs available do not have the input impedance required to measure the potential.

The suppression of alternating currents of the kind that often occur with CP system measurements is not sufficient, and this leads to false readings.

Although true voltage isolation is almost never achieved, using a measuring converter such as the Steffel MU2011 is a suitable method of obtaining reliable CP measurements.

The MU2011 supplies the characteristics that the measuring input requires and converts the CP potential or current signal (coming in via a 60mA shunt) into a 0/4-20mA output signal that can be processed by common telecontrol systems.

Specifications	
Measuring ranges	available in 40V DC, 2,5V and 60mV (for current measurements through a separate Shunt)
Output	available in 0-20mA, 4-20mA and 0-24mA (LiveZero)
A/D - D/A Conversion	16 Bit
Power supply	V1: 230V AC or V2: 24V DC
Housing	Polyamide mountable housing for rail-mounted installation
Dimensions	ca. 35 x 110 x 99 mm (W, H, D)



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