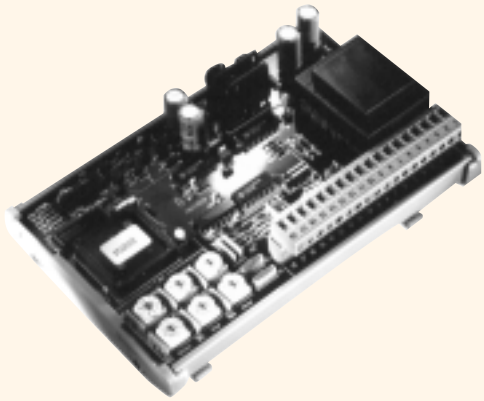

These models include a power unit and can be connected by a screw terminal strip. The construction is a built-in board 170x105x45 mm for snapping onto DIN mounting rails.

Frequency-voltage converters FU202

Mostly, they are used in conjunction with drive applications. When, for example, an existing, non variable motor should be tied into an upgraded drive solution, a voltage proportional to its speed is usually required. Similarly, when a hydraulic motion must be sychronised with an electronic drive system. FU units can generate this voltage form impulses.

Technical data:

Input	0.1 Hz to 100 kHz
Outputs	0 to ± 10 V, 0 to 20 mA or 4 to 20 mA
Resolution	12 Bit
Calibration	digital
Accuracy	0.1 %
Residual ripple	0.03 %
Update time	approx. 20 msec. or at least one pulse interval

Voltage-frequency converters UF202

Units of this type are suitable for digital control of analogue signals. How, for example, to measure the percentage difference between two temperatures? Or how to totalise consumption of raw material, when a sensor only generates an analogue output? UF 202 can give the solution.

Technical data:

Inputs	0 to 1 V, 0 to 10 V, 0 to 100 V and 0 to 20 mA
Outputs	0 to 10 kHz (A - track, B - track, 90 ° phase shift), 0 to 20 kHz (pulse duty factor 1:1) 0 to 40 kHz (needle pulse)
Resolution	12 Bit + sign
Calibration	digital
Accuracy	0.1 % full scale