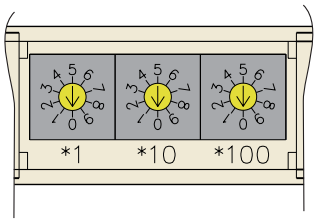
TU 7052 –Electronic Frequency Divider for Flow Sensors

If the output frequency of a flow sensor is too high for a present evaluation instrument, TU 7052 should be installed. It transforms a high output frequency of a sensor into a lower frequency which can be processed by the present instrument:

$$\text{output frequency} = \frac{\text{input frequency}}{\text{divisor}}$$



The divisor can simply be switched by three rotary switches.
The voltage supply for the connected sensor is integrated in the device.

Technical Data

Signal input	Frequency signal from flow sensor
Divisor	Switched by three rotary switches in the range of 1...999
Output	Square-wave signal, pulse duty ratio 1:1 • NPN with 5 kΩ internal pull-up resistance and • PNP with 5 kΩ internal pull-down resistance • Optocoupler
Power supply	12...24 VDC ±10 %
Casing dimensions (w x h x d)	17,5 x 82 x 67 mm
Casing	Plastic casing for c-rail
Ambient temperature	0...60 °C
Storage temperature	-10...+80 °C

Order Code Number

Order number:	EU7052F0000006