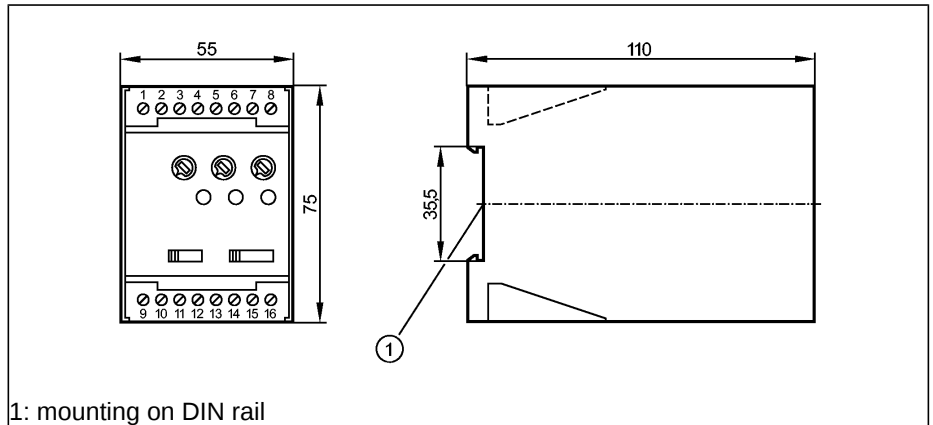


Evaluation systems, power supplies

**DD0001**

Speed monitor  
D100

Housing for DIN rail mounting



1: mounting on DIN rail



Made in Germany

|                                     |   |
|-------------------------------------|---|
| <b>Application</b>                  | <b>evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring</b> |
| <b>Output</b>                       | <b>relay (1 changeover contact)</b>   |
| <b>Setting range [pulses/min.]</b>  | <b>5...5000</b>   |
| Nominal voltage [V]                 | 230 AC (50...60 Hz) / 24 DC   |
| Voltage tolerance [%]               | ± 10  |
| Contact rating                      | 8 A / 1250 VA / 250 V AC  |
| Sensor supply [V]                   | 24 DC (max. 30mA)   |
| Input frequency (max.) [pulses/min] | 15000 (250 Hz)  |
| Hysteresis [% of Sp]                | 5...100   |
| Repeatability [% / Sp]              | 1   |
| Start-up delay [s]                  | 0.5...15  |
| Switching function                  | F1-F4, with 4-step slide switch   |
| Adjustment of the switch point      | 3 ranges preselectable, fine adjustment with potentiometer  |
| Ambient temperature [°C]            | -20...70  |
| Protection housing / terminals      | IP 40 / IP 20   |
| Housing materials                   | plastics  |
| Function display                    |   |
| Switching status LED                | green (lights when the output relay is energised)   |
| Operation LED                       | green   |
| Input pulses LED                    | yellow  |
| Connection                          | 16 terminals...2.5 mm <sup>2</sup>  |
| Weight [kg]                         | 0.417   |

**Wiring**

