



Evaluation unit for speed monitoring

D100/230VAC/4-20mA

Article no longer available - archive entry

No scale drawing available



Product characteristics

| | |
|---------|-------------------------------|
| Housing | housing for DIN rail mounting |
|---------|-------------------------------|

Application

| | |
|-------------|--|
| Application | universal evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring |
|-------------|--|

Electrical data

| | | |
|---------------------------------|------|---------------------|
| Nominal voltage AC | [V] | < 230 |
| Nominal voltage DC | [V] | 24 |
| Nominal voltage tolerance | [%] | 10 |
| Nominal voltage tolerance 2 | [%] | 10 |
| Nominal frequency AC | [Hz] | 50...60 |
| Auxiliary energy for sensors DC | [V] | 24; (≤ 30 mA) |

Inputs / outputs

| | |
|------------------------------|---|
| Number of inputs and outputs | Number of analogue outputs: 1; Number of relay outputs: 1 |
|------------------------------|---|

Outputs

| | |
|----------------------------|--------------------------|
| Number of relay outputs | 1 |
| Contact rating | 8 A / 1250 VA / 250 V AC |
| Number of analogue outputs | 1 |
| Analogue current output | [mA] 0...20 |
| Max. load | [Ω] 500 |

Measuring/setting range

| | |
|---------------|--------------------|
| Setting range | [Imp/min] 50...500 |
|---------------|--------------------|



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| Accuracy / deviations | | |
|--------------------------------|---|----------|
| Hysteresis | [% of Sr] | 5...100 |
| Repeatability | [% of Sr] | 1 |
| Response times | | |
| Start-up delay | [s] | 0.5...15 |
| Software / programming | | |
| Adjustment of the switch point | fine adjustment within the range with potentiometer | |
| Operating conditions | | |
| Ambient temperature | [°C] | 0...70 |
| Protection | IP 40 | |
| Protection rating terminals | IP 20 | |
| Mechanical data | | |
| Housing | housing for DIN rail mounting | |
| Materials | plastics | |
| Displays / operating elements | | |
| Display | switching status | LED, red |
| Electrical connection | | |
| Connection | | |