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Product characteristics

Housing	housing for DIN rail mounting
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Application

Application	universal evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring
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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
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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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DD0031



Evaluation unit for speed monitoring

D100/230VAC/0-20mA

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		