DD0030

Evaluation unit for speed monitoring

D100/110VAC/0-20mA

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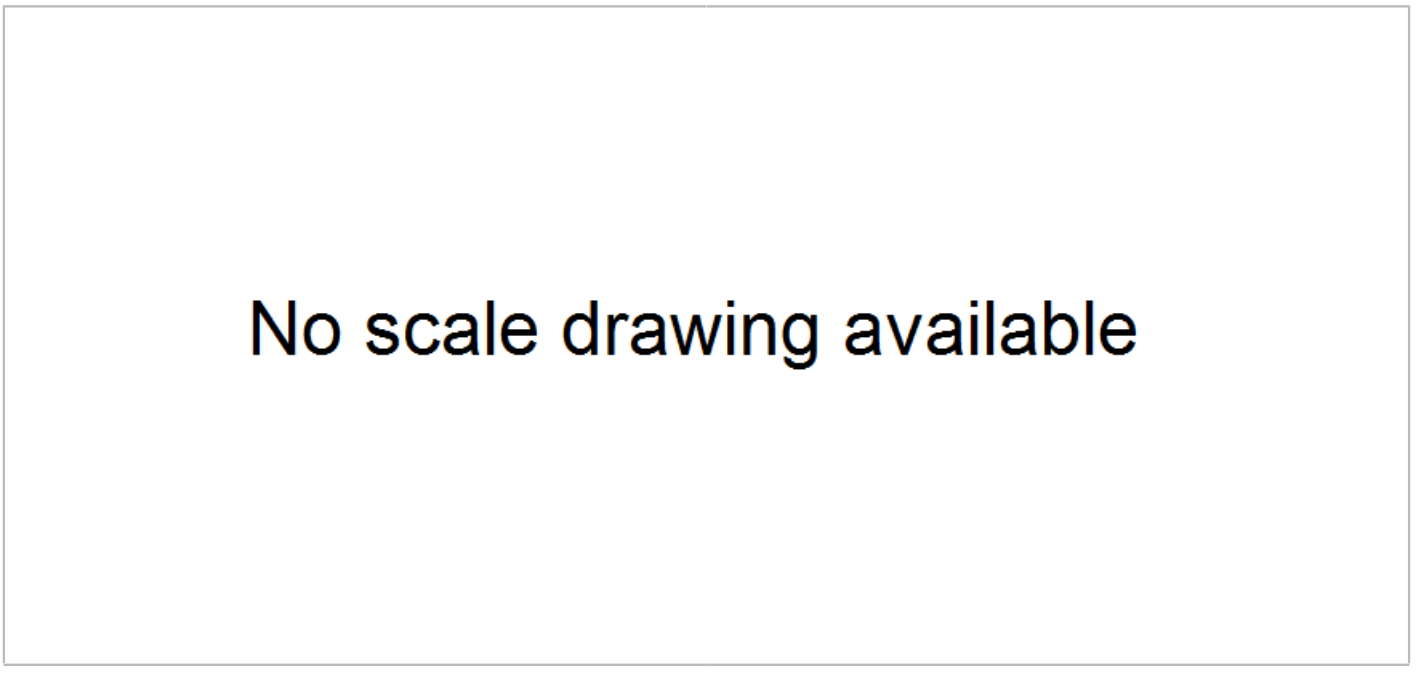

CE

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]	< 110
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]	5...50

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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			