DD0008

Evaluation unit for speed monitoring

D100/ 12VDC

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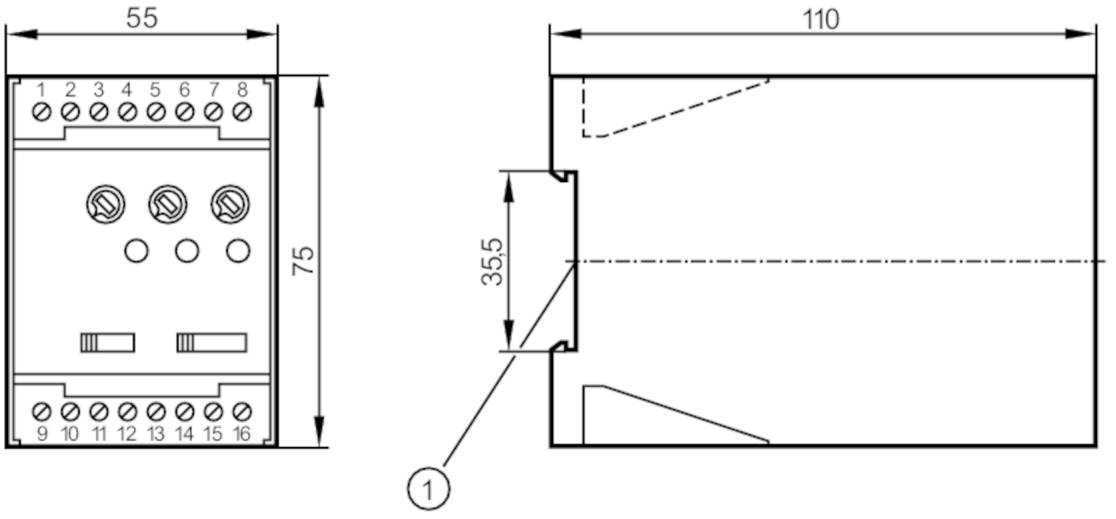

1 mounting on DIN rail

CE

Product characteristics		
Housing		housing for DIN rail mounting
Dimensions	[mm]	75 x 55 x 110
Application		
Application		universal evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring
Electrical data		
Nominal voltage DC	[V]	24
Nominal voltage tolerance	[%]	10
Nominal voltage tolerance 2	[%]	10
Auxiliary energy for sensors DC	[V]	24; (≤ 30 mA)
Inputs / outputs		
Number of inputs and outputs		Number of relay outputs: 1
Outputs		
Number of relay outputs		1
Contact rating		8 A / 1250 VA / 250 V AC
Measuring/setting range		
Setting range	[Imp/min]	5...5000
Accuracy / deviations		
Hysteresis	[% of Sr]	5...100
Repeatability	[% of Sr]	1
Response times		
Start-up delay	[s]	0.5...15

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Software / programming			
Adjustment of the switch point		fine adjustment within the range with potentiometer	
Operating conditions			
Ambient temperature	[°C]	-20...70	
Protection		IP 40	
Protection rating terminals		IP 20	
Mechanical data			
Weight	[g]	0.272	
Housing		housing for DIN rail mounting	
Dimensions	[mm]	75 x 55 x 110	
Materials		plastics	
Displays / operating elements			
Display		switching status	LED, green
		operation	1 x LED, green

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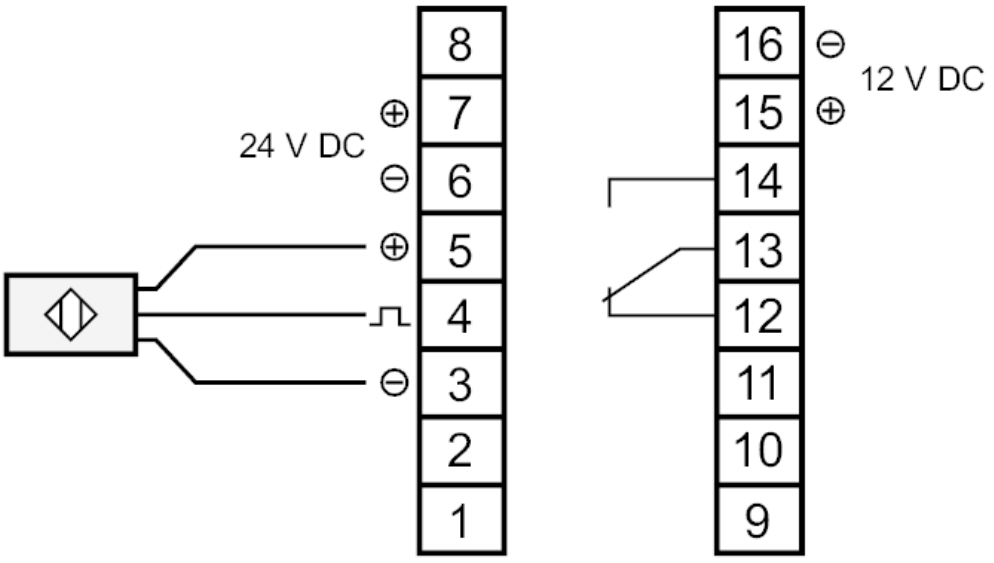
Electrical connection

Connection



01:	not used
02:	not used
03:	DC Sensor supply (-)
04:	sensor signal pnp
05:	DC Sensor supply (+)
06:	24 V DC supply voltage (-)
07:	24 V DC supply voltage (+)
08:	not used
09:	not used
10:	not used
11:	not used
12:	relay normally closed
13:	relay common
14:	relay normally open
15:	12 V DC supply voltage (+)
16:	12 V DC supply voltage (-)