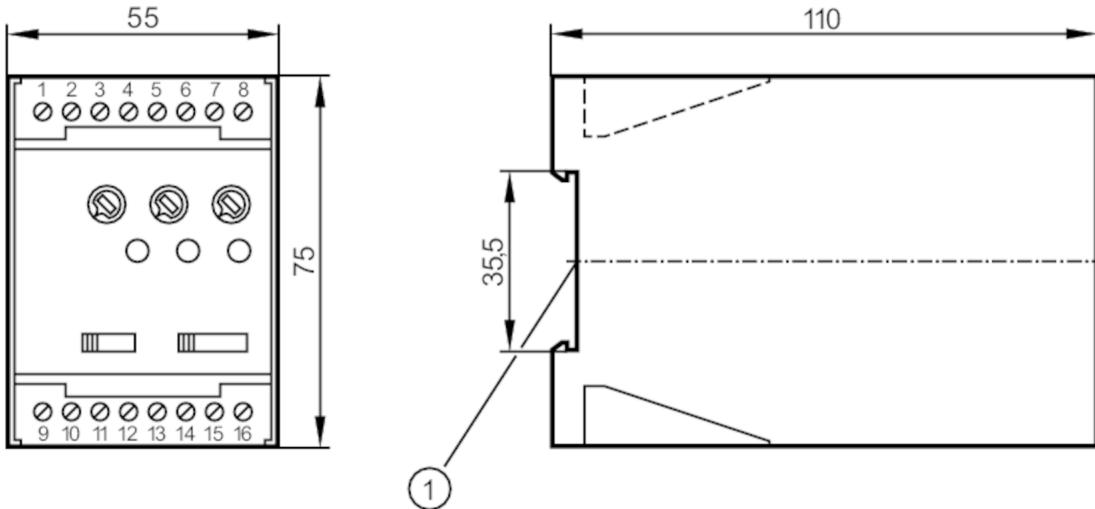


Evaluation unit for speed monitoring

D100/230VAC/10-10K

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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 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; (\leq 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] 10...10000

Evaluation unit for speed monitoring

D100/230VAC/10-10K

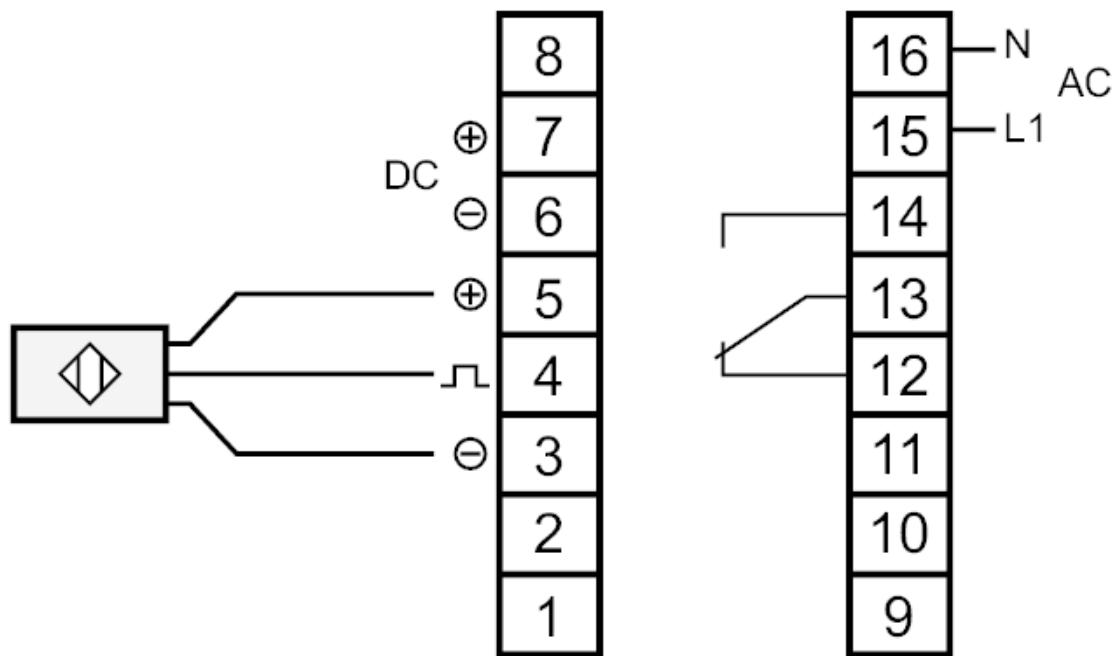
Accuracy / deviations		
Hysteresis	[% of Sr]	5...100
Repeatability	[% of Sr]	1
Response times		
Start-up delay	[s]	0.5...15
Software / programming		
Adjustment of the switch point		fine adjustment within the range with potentiometer
Operating conditions		
Ambient temperature	[°C]	-20...70
Protection		IP 40
Protection rating terminals		IP 20
Tests / approvals		
MTTF	[years]	469
Mechanical data		
Weight	[g]	0.414
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
Remarks		
Notes	discontinued article	

Evaluation unit for speed monitoring

D100/230VAC/10-10K

Electrical connection

Connection



01:	not used
02:	not used
03:	DC Sensor supply (-)
04:	sensor signal pnp
05:	DC Sensor supply (+)
06:	DC supply voltage (-)
07:	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:	AC supply voltage (L)
16:	AC supply voltage (N)

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DD0022



Evaluation unit for speed monitoring

D100/230VAC/10-10K

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