

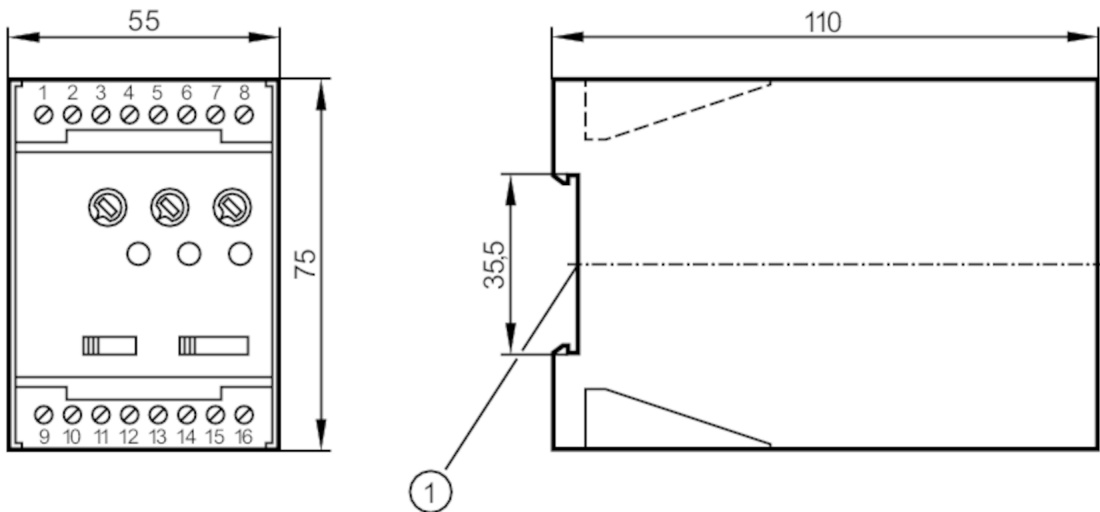


Speed monitor

D100/110-240VAC/DC

Status Archive

DD0203



1 mounting on DIN rail



Application		
Application		universal evaluation of pulse sequences with regard to overspeed and underspeed; rotational speed monitoring
Electrical data		
Nominal voltage AC	[V]	110...240
Nominal voltage DC	[V]	110...240
Nominal voltage tolerance	[%]	< 10
Nominal voltage tolerance 2	[%]	20...10
Nominal frequency AC	[Hz]	50...60
Auxiliary energy for sensors DC	[V]	24; (≤ 30 mA)
Outputs		
Number of digital outputs		1
Number of relay outputs		1
Contact rating		6 A (250 V AC); B300, R300
Analogue current output	[mA]	...200
Analogue voltage output	[V]	...24
Detection zone		
Sensing range adjustable		no
Measuring/setting range		
Setting range	[Imp/min]	5...5000



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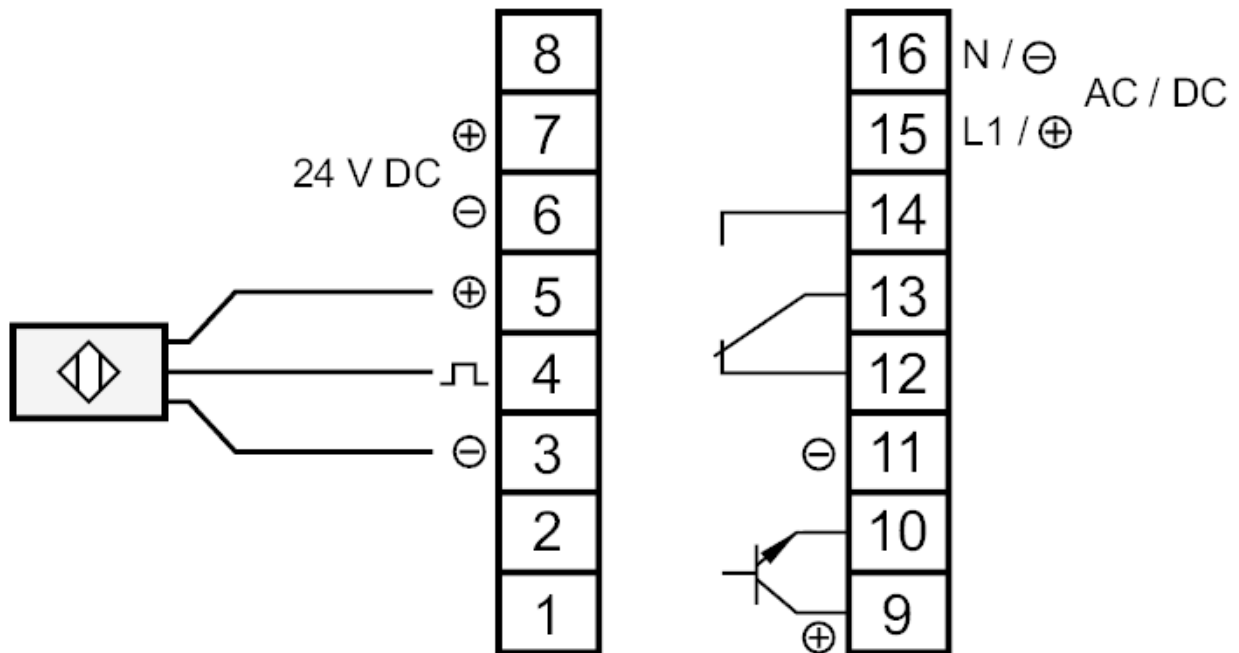
Accuracy / deviations		
Hysteresis	[% of Sr]	5...100
Repeatability	[% of Sr]	1
Response times		
Start-up delay	[s]	0.5...15
Software / programming		
Adjustment of the switch point	fine adjustment within the range with potentiometer	
Operating conditions		
Ambient temperature	[°C]	-20...70
Protection		IP 40
Protection rating terminals		IP 20
Tests / approvals		
MTTF	[years]	269
Mechanical data		
Weight	[g]	0.294
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	

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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:	DC supply voltage (-)
07:	DC supply voltage (+)
08:	not used
09:	supply transistor output (+)
10:	transistor output pnp
11:	supply transistor output (-)
12:	relay normally closed
13:	relay common
14:	relay normally open
15:	AC/DC supply voltage (L/+)
16:	AC/DC supply voltage (N/-)

DD0116

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