SN0109

Control monitor for flow sensors

VS0200/230VAC

Article no longer available - archive entry

Alternative articles: SN0150 When selecting an alternative article and accessories please note that technical data may differ!

1   Mounting on DIN rail

$C\epsilon$
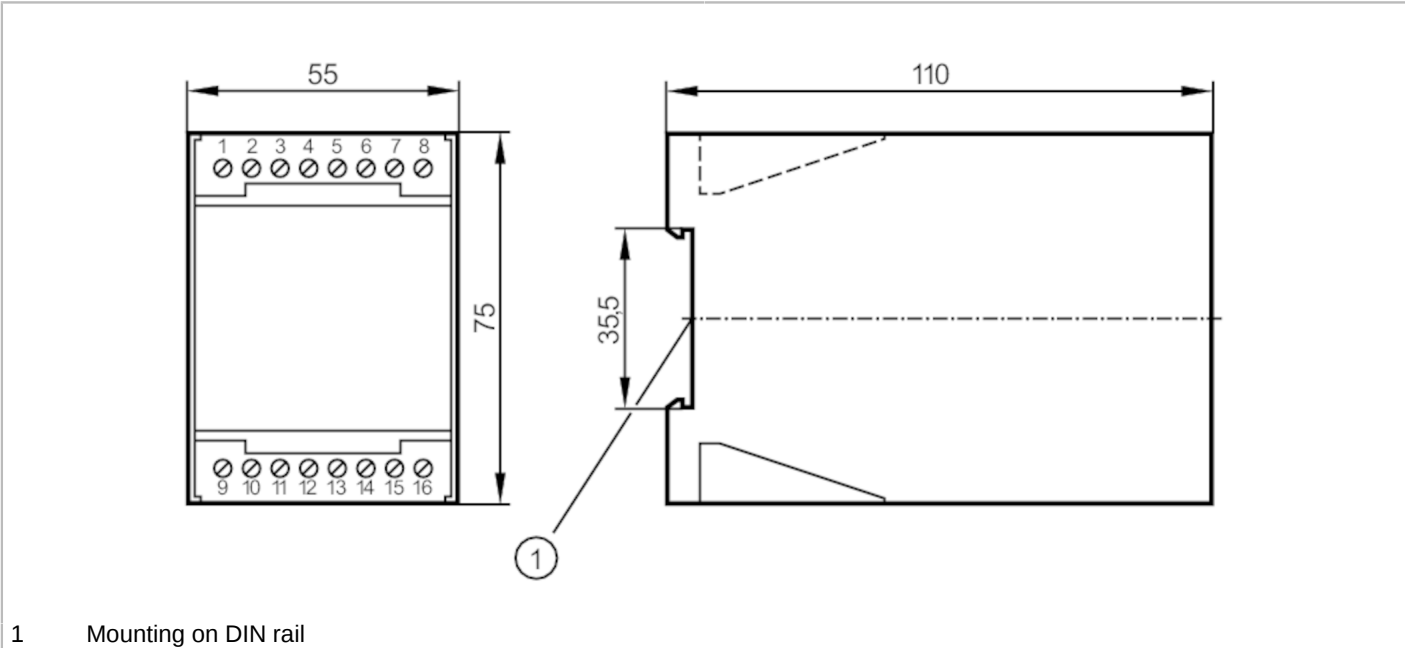
Application	
Application	Flow monitoring; Temperature monitoring; Wire break monitoring
Electrical data	
Operating voltage tolerance [%]	-10...10
Operating voltage [V]	< 230 AC
Max. power consumption [VA]	3
Power-on delay time [s]	< 30
Number of channels	1
Outputs	
Electrical design	Relay
Contact rating	4 A, 250 V AC
Switching function flow monitoring	relay energized when flow is present
Switching function temperature monitoring	relay de-energized when temperature is exceeded
Switching function wire break monitoring	relay is de-energized in case of wire break and short-circuit
Reaction times	
Response time [s]	< 10
Software / programming	
Adjustment of the switch point	potentiometer
Selection liquids / gases	with slide switch

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Switch point setting		potentiometer
Temperature range	[°C]	20...100
Repeatability switch point / measured value	[K]	4

Operating conditions		
Ambient temperature	[°C]	-20...70
Protection		IP 40
Protection rating terminals		IP 20

Mechanical data		
Housing		housing for DIN rail mounting
Dimensions	[mm]	75 x 55 x 110
Material		plastics

Displays / operating elements		
Display	Function	11 x LED
	Switching status	LED, red
	Switching status	LED, red

Remarks	
Pack quantity	1 pcs.

Electrical connection

terminals: 16 x ...2.5 mm²

Connection
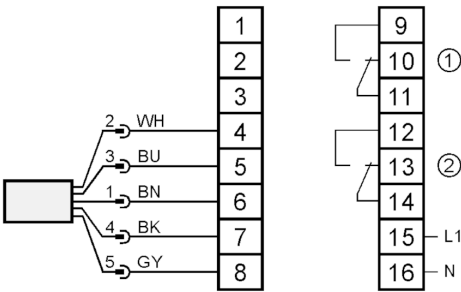
1:	Relais Wire break monitoring / Temperature monitoring
2:	Relais Flow monitoring
	Core colors :
BN =	brown
BU =	blue
BK =	black
WH =	white
GY =	grey