

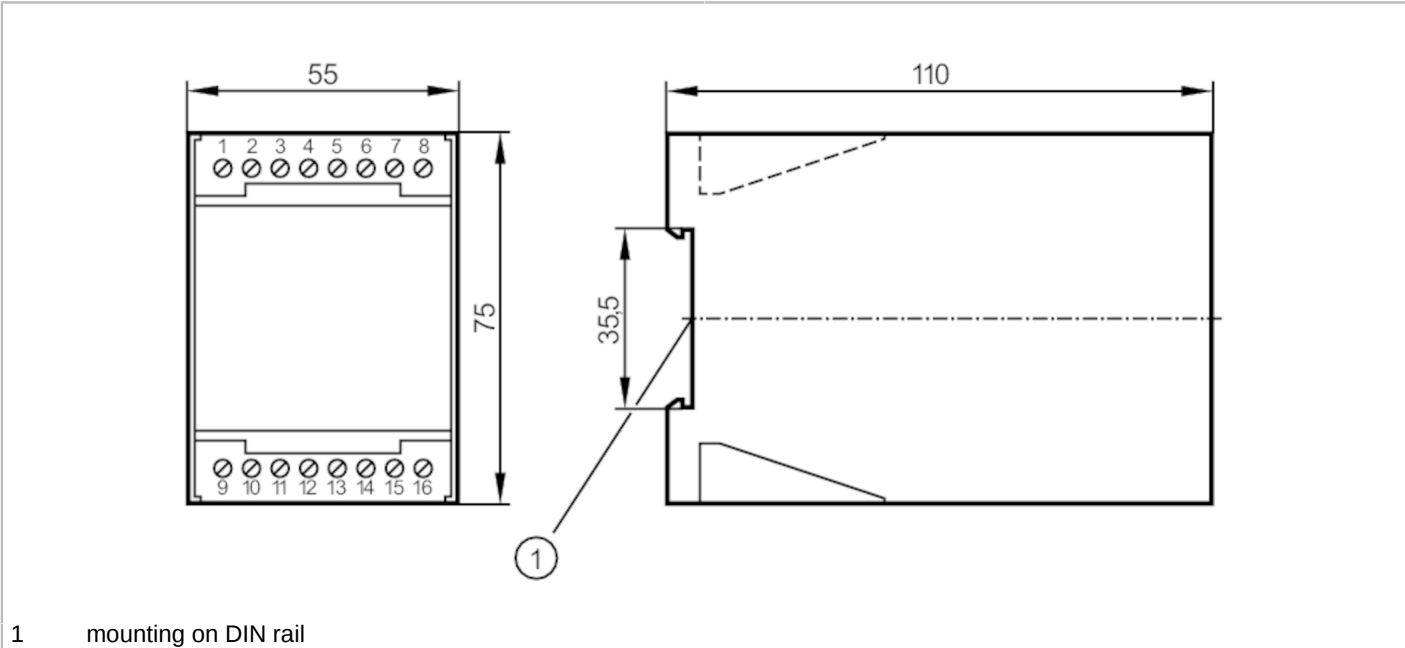


Control monitor for flow sensors

VS0200/ 24VDC/EX

Article no longer available - archive entry

Alternative articles: SR2301
When selecting an alternative article and accessories please note that technical data may differ!



Application		
Application	Flow monitoring; Wire monitoring	
Electrical data		
Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	24 DC
Current consumption	[mA]	200
Power-on delay time	[s]	30
Number of channels		1
Outputs		
Electrical design	relay	
Contact rating	4 A, 250 V AC / cos phi > 07	
Switching function flow monitoring	relay energised when flow is present	
Switching function wire break monitoring	relay de-energised in case of wire break	
Software / programming		
Adjustment of the switch point	potentiometer	
Selection liquids / gases	slide switch	
Operating conditions		
Ambient temperature	[°C]	-20...60
Protection		IP 40
Protection rating terminals		IP 20



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Tests / approvals		
Approval	PTB Ex-94.C.2030X	
Safety classification		
Designation	in protection rating intrinsic safety	
Voltage [V]	15,8	
Current [mA]	208	
Power [mW]	1180	
[Ex ia] IIC designation	[EEx ia] IIC	
[Ex ia] IIB designation	[EEx ia] IIB	
[Ex ib] IIC designation	[EEx ib] IIC	
[Ex ib] IIB designation	[EEx ib] IIB	
[Ex ia] IIC inductance	460µH	
[Ex ia] IIB inductance	1mH / 2mH	
[Ex ib] IIC inductance	460µH	
[Ex ib] IIB inductance	3.6mH	
[Ex ia] IIC capacitance	53nF	
[Ex ia] IIB capacitance	540nF / 360nF	
[Ex ib] IIC capacitance	470nF	
[Ex ib] IIB capacitance	1.9µF	
Mechanical data		
Housing	housing for DIN rail mounting	
Dimensions [mm]	75 x 55 x 110	
Materials	plastics	
Displays / operating elements		
Display	function	11 x LED
	switching status	LED, red
Remarks		
Remarks	Caution The control monitor must be mounted outside the hazardous area.	
Pack quantity	1 pcs.	



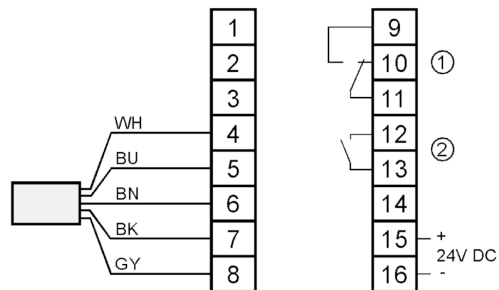
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Electrical connection

terminals: 16 x ...2.5 mm²

Connection



- 1: Relais Flow monitoring
 2: Relais Wire monitoring
 Core colours :
 BN = brown
 BU = blue
 BK = black
 WH = white
 GY = grey