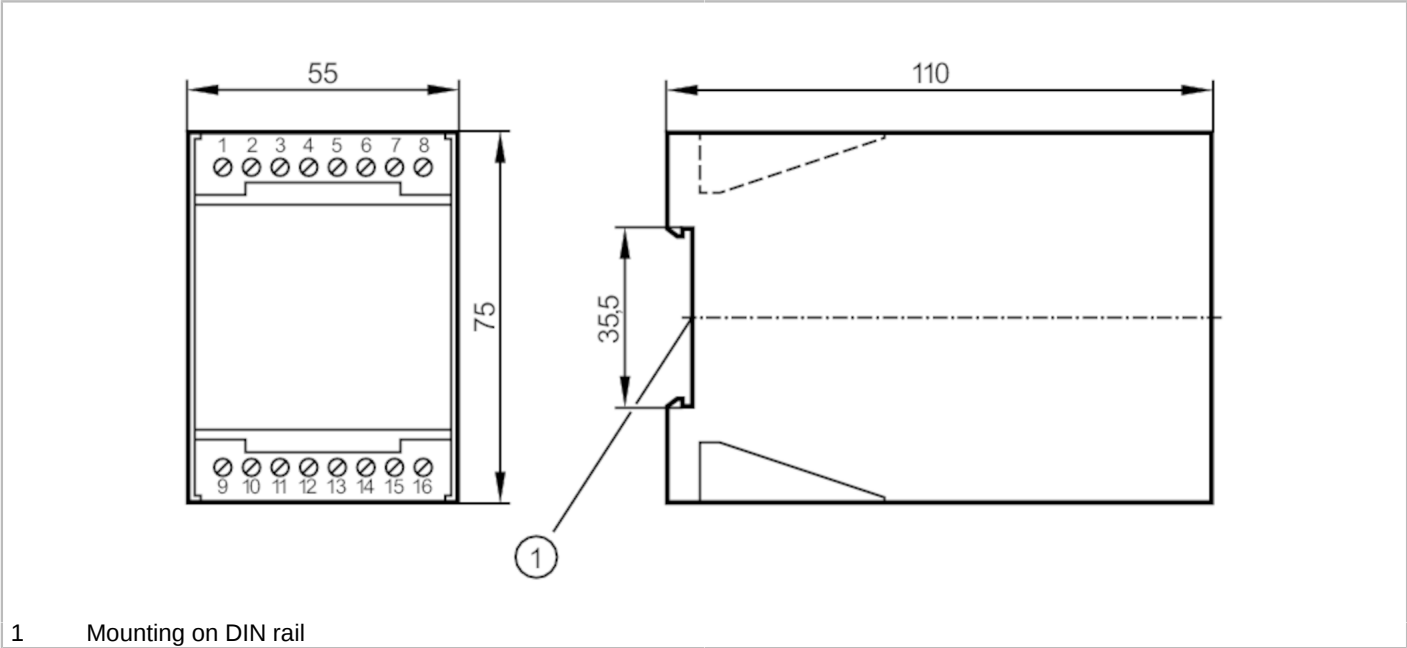




Control monitor for flow sensors

VS0200/110VAC/EX

Article no longer available - archive entry



Application		
Application	Flow monitoring; Wire break monitoring	
Electrical data		
Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	< 110 AC
Max. power consumption	[VA]	2
Power-on delay time	[s]	30
Outputs		
Electrical design	Relay	
Contact rating	4 A, 250 V AC / cos phi > 07	
Switching function flow monitoring	relay energized when flow is present	
Switching function wire break monitoring	relay de-energized in case of wire break	
Software / programming		
Adjustment of the switch point	potentiometer	
Selection liquids / gases	with slide switch	
Operating conditions		
Ambient temperature	[°C]	-20...60
Protection	IP 40	
Protection rating terminals	IP 20	
Tests / approvals		
Approval	PTB Ex-94.C.2030X	
Safety classification		
Description	in protection rating intrinsic safety	



Control monitor for flow sensors

VS0200/110VAC/EX

Voltage	[V]	15,8
Current	[mA]	228
Power	[mW]	1410
[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		350µH
[Ex ia] IIB inductance		1mH / 2mH
[Ex ib] IIC inductance		350µH
[Ex ib] IIB inductance		3.1mH
[Ex ia] IIC capacitance		57nF
[Ex ia] IIB capacitance		493nF / 294nF
[Ex ib] IIC capacitance		477nF
[Ex ib] IIB capacitance		1.9µF

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

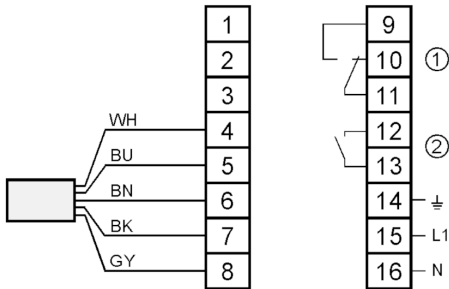
Remarks

Remarks	Caution The control monitor must be mounted outside the hazardous area.
Pack quantity	1 pcs.

Electrical connection

terminals: 16 x ...2.5 mm²

Connection



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