



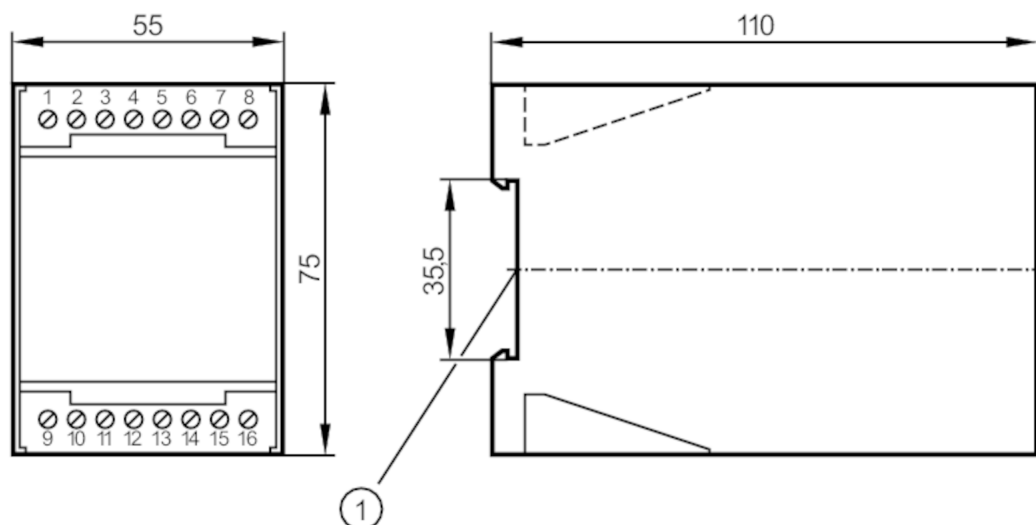
Control monitor for flow sensors

VS0200/230VAC/EX

Article no longer available - archive entry

Alternative articles: SN2301

When selecting an alternative article and accessories please note that technical data may differ!



1 Mounting on DIN rail

Application

Application

Flow monitoring; Wire break monitoring

Electrical data

Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	< 230 AC
Max. power consumption	[VA]	2
Power-on delay time	[s]	30
Number of channels		1

Outputs

Electrical design	Relay
Contact rating	4 A, 250 V AC / cos phi > 0.7
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



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VS0200/230VAC/EX

Tests / approvals		
Approval	PTB-Zulassungs-Nr. Ex-94.C.2030X	
Safety classification		
Description	in protection rating intrinsic safety	
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.	

SN0106



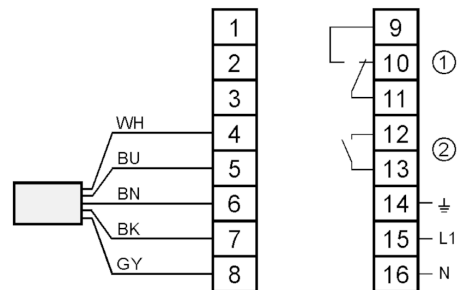
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Electrical connection

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