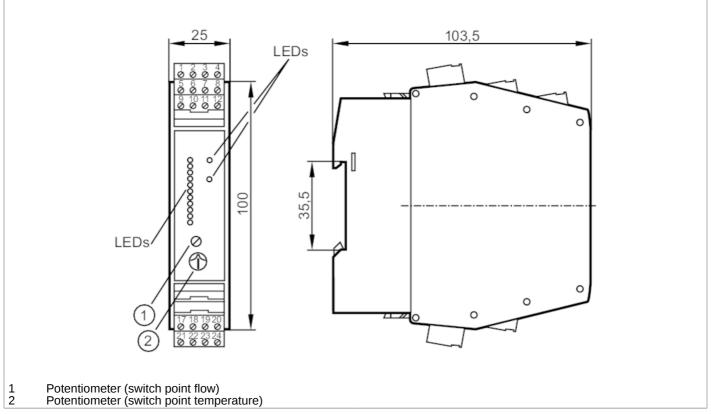
SN0152

Control monitor for flow sensors

VS3000/85...265VAC







Application		
Application		Flow monitoring; Temperature monitoring; Wire break monitoring
Electrical data		
Frequency AC	[Hz]	4763
Operating voltage tolerance	[%]	-510
Operating voltage	[V]	90240 AC
Max. power consumption	[VA]	4
Protection class		II
Reverse polarity protection		no
Power-on delay time	[s]	1080; (adjustable (fixed-value resistors terminals 22-23))
Number of channels		1
Outputs		
Performance in case of a fault		In case of undervoltage all relays are de-energized, the LED "LOW VOLTAGE/WIRE BREAK-RELAY" lights
Electrical design		Relay
Contact rating		4 A (250 V AC / 30 V DC)
Switching function flow monitoring		relay energized when flow is present and during the power-on delay time
Switching function temperature monitoring		relay de-energized when temperature is exceeded
Switching function wire break monitoring		relay de-energized in case of wire-break or short circuit
Short-circuit proof		no

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Reaction times Response time [S] < 3 Software / programming Adjustment of the switch point Selection liquids / gases wire bridge; on delivery: monitoring of liquids.; for monitoring of gases: link terminals 23 / 24. Switch point setting potentiometer Temperature range [°C] 40120 Repeatability switch point / measured value Operating conditions Ambient temperature [°C] -2060 Note on ambient temperature in case of sufficient free space for convection cooling P 20 Tests / approvals MTTF [years] 168 Mechanical data Weight [g] 248 Housing housing for DIN rail mounting Dimensions [mm] 100 x 25 x 103.5 Material PBT Displays / operating elements Display Function Switching status LED, red Switching status LED, red Electrical connection Required protection miniature fuse to IEC60127-2 sheet 1; ≤ 5 A; fast acting Remarks Remarks Recommendation Check the safe functioning of the unit after a short circuit. Pack quantity Pack quantity Pack quantity Pack quantity Pacentianes Pacentianes Pacentianes Pacentianes Recommendation Check the safe functioning of the unit after a short circuit. Pack quantity Pacentianes Pacentianes Pacentianes Recommendation Check the safe functioning of the unit after a short circuit.	Overload protection		no		
Software / programming Adjustment of the switch point potentiometer Selection liquids / gases wire bridge; on delivery: monitoring of liquids.; for monitoring of gases: link terminals 23 / 24. Switch point setting potentiometer Temperature range [°C] 40120 Repeatability switch point / measured value [°C] 4 Operating conditions Ambient temperature [°C] -2060 Note on ambient temperature in case of sufficient free space for convection cooling Protection Tests / approvals MTTF [years] 168 Mechanical data Weight [g] 248 Housing housing for DIN rail mounting Dimensions [mm] 100 x 25 x 103.5 Material PBT Displays / operating elements Displays / operating elements Switching status LED, red Switching status LED, red Switching status LED, red Switching status LED, red Switching status LED, red <t< td=""><td>Reaction times</td><td></td><td></td><td></td></t<>	Reaction times				
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	Remarks				
Pack quantity 1 pcs.	Remarks		Recommendation Check the safe functioning of the unit after a short circuit.		
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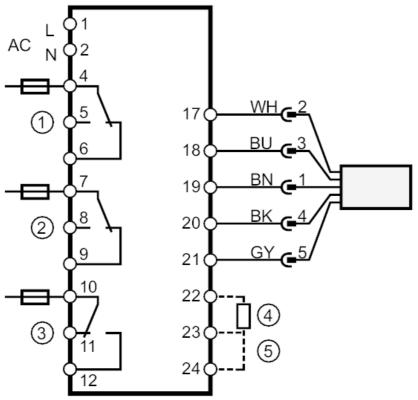
VS3000/85...265VAC



Electrical connection

Combicon connector:

Connection



1 = Flow monitoring
2 = Wire break monitoring
3 = Temperature monitoring
4 = Power-on delay time
5 = Selection liquid / gas

Note miniature fuse to IEC60127-2 sheet $1 \le 5$ A fast acting

Core colors:

BN = brown
BU = blue
BK = black
WH = white
GY = grey