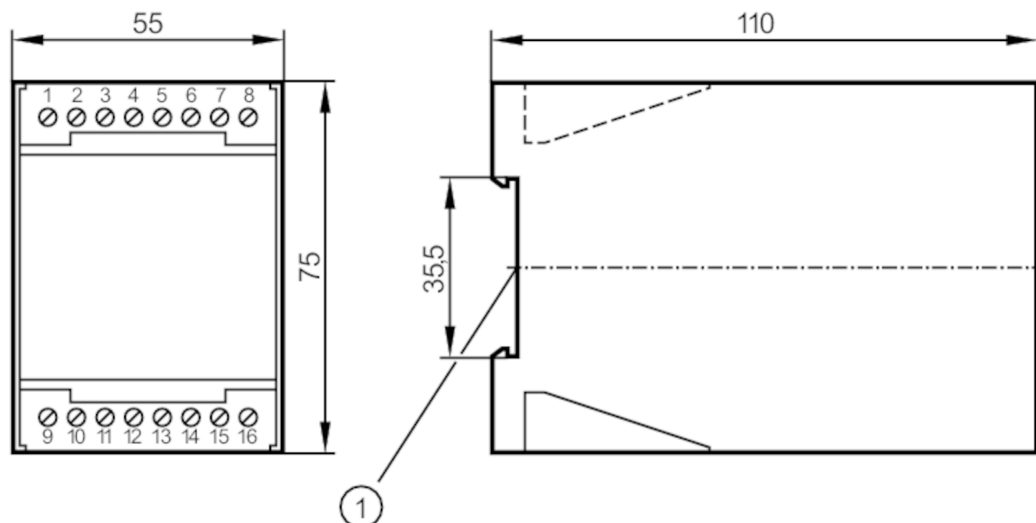




Control monitor for flow sensors

VS0100/230VAC/EX

Article no longer available - archive entry



1 mounting on DIN rail

Application

| | |
|-------------|-----------------|
| Application | Flow monitoring |
|-------------|-----------------|

Electrical data

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

Outputs

| | |
|------------------------------------|--------------------------------------|
| Switching function flow monitoring | relay energised when flow is present |
|------------------------------------|--------------------------------------|

Software / programming

| | |
|--------------------------------|---------------|
| Adjustment of the switch point | potentiometer |
|--------------------------------|---------------|

Operating conditions

| | | |
|-----------------------------|------|--------|
| Ambient temperature | [°C] | 0...60 |
| Protection | | IP 40 |
| Protection rating terminals | | IP 20 |

Tests / approvals

| | |
|----------|------------------|
| Approval | PTB Ex-93.C.2006 |
|----------|------------------|

Safety classification

| | | |
|-------------------------|---------------------------------------|------|
| Designation | in protection rating intrinsic safety | |
| Voltage | [V] | 12,6 |
| Current | [mA] | 186 |
| Power | [mW] | 586 |
| [Ex ia] IIC designation | [EEx ib] IIC | |
| [Ex ia] IIC inductance | 0.5 mH | |



Control monitor for flow sensors

VS0100/230VAC/EX

| | |
|-------------------------|---------|
| [Ex ia] IIC capacitance | 1200 nF |
|-------------------------|---------|

Mechanical data

| | |
|-----------------|-------------------------------|
| Housing | housing for DIN rail mounting |
| Dimensions [mm] | 75 x 55 x 110 |
| Materials | plastics |

Displays / operating elements

| | | |
|---------|----------|----------|
| Display | function | LED, red |
|---------|----------|----------|

Electrical connection

| | |
|------------------|---|
| Relay circuit AC | ... 250 AV,...6 A cos j > 0,7 |
| Relay circuit DC | ...60 DC,...0,6 A, L/R < 200 ms /...24 DC, ...4 A, L/R < 200 ms |

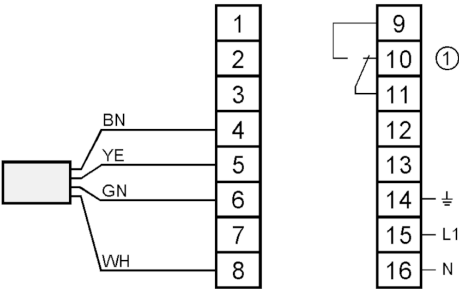
Remarks

| | |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

Electrical connection

terminals: 16 x ...2.5 mm²

Connection



- 1:
- Relais Flow monitoring
- Core colours :
- BN = brown
- WH = white
- YE = yellow
- GN = green