

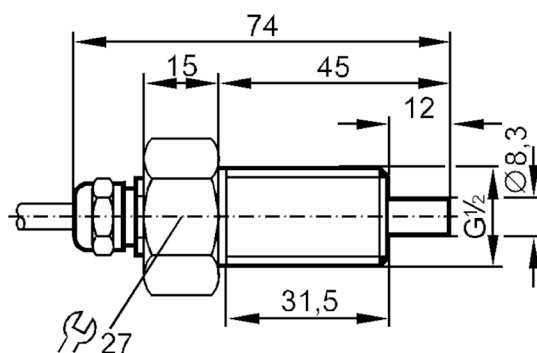
ST3210



Flow sensor for connection to an evaluation unit

STR12ABBE1

Article no longer available - archive entry



Product characteristics

| | |
|--------------------|-----------------------|
| Process connection | G 1/2 external thread |
|--------------------|-----------------------|

Application

| | |
|-------------|-----------|
| Application | Ex zone 1 |
|-------------|-----------|

| | | |
|--------------------|------|----------|
| Medium temperature | [°C] | -25...80 |
|--------------------|------|----------|

| | | |
|-----------------|-------|----|
| Pressure rating | [bar] | 30 |
|-----------------|-------|----|

Liquids

| | |
|-------------|-----------|
| Application | Ex zone 1 |
|-------------|-----------|

| | | |
|--------------------|------|----------|
| Medium temperature | [°C] | -25...80 |
|--------------------|------|----------|

Gases

| | | |
|--------------------|------|----------|
| Medium temperature | [°C] | -25...80 |
|--------------------|------|----------|

Electrical data

| | |
|-------------------------------|------------|
| Connection to control monitor | VS 0100 Ex |
|-------------------------------|------------|

Measuring/setting range

Liquids

| | | |
|---------------|--------|---------|
| Setting range | [cm/s] | 3...300 |
|---------------|--------|---------|

| | | |
|----------------------|--------|--------|
| Greatest sensitivity | [cm/s] | 3...60 |
|----------------------|--------|--------|

Gases

| | | |
|---------------|--------|------------|
| Setting range | [cm/s] | 200...2000 |
|---------------|--------|------------|

| | | |
|----------------------|--------|-----------|
| Greatest sensitivity | [cm/s] | 100...800 |
|----------------------|--------|-----------|

Accuracy / deviations

| | | |
|-------------------------------------|---------|----|
| Max. temperature gradient of medium | [K/min] | 15 |
|-------------------------------------|---------|----|

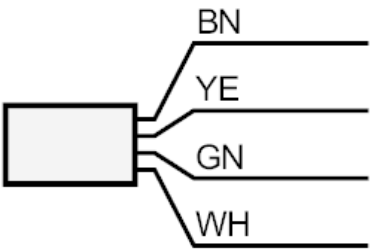
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Flow sensor for connection to an evaluation unit

STR12ABBE1

| Reaction times | | |
|--|-----|---------------------------------|
| Response time | [s] | 1...10 |
| Liquids | | |
| Response time | [s] | 1...10 |
| Gases | | |
| Response time | [s] | 1...10 |
| Operating conditions | | |
| Protection | | IP 67 |
| Mechanical data | | |
| Housing | | Threaded type |
| Material | | stainless steel (1.4571/316Ti) |
| Process connection | | G 1/2 external thread |
| Remarks | | |
| Pack quantity | | 1 pcs. |
| Electrical connection | | |
| Cable: 2 m, Silflex-PUR; Maximum cable length: 100 m; 4 x 0.34 mm² | | |
| Connection | | |



| | |
|------|---------------|
| | Core colors : |
| BN = | brown |
| GN = | green |
| WH = | white |
| YE = | yellow |