

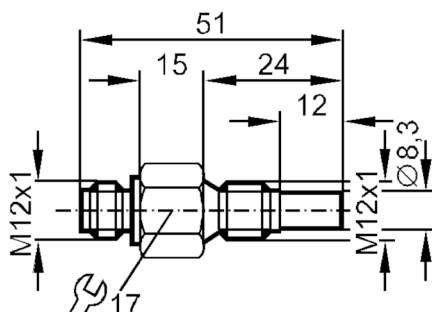
# ST1404



## Flow sensor for connection to an evaluation unit

STM12AAC/US-100-H

Article no longer available - archive entry



### Product characteristics

|                    |         |
|--------------------|---------|
| Process connection | M12 x 1 |
|--------------------|---------|

### Application

|                         |                           |
|-------------------------|---------------------------|
| Media                   | Liquids; aggressive media |
| Medium temperature [°C] | -25...80                  |
| Pressure rating [bar]   | 5                         |

### Liquids

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

### Electrical data

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

### Measuring/setting range

#### Liquids

|                             |         |
|-----------------------------|---------|
| Setting range [cm/s]        | 3...300 |
| Greatest sensitivity [cm/s] | 3...60  |

### Accuracy / deviations

|   |   |
|---|---|
| Max. temperature gradient of [K/min] medium | 7 |
|---|---|

### Reaction times

|                   |        |
|-------------------|--------|
| Response time [s] | 2...20 |
|-------------------|--------|

#### Liquids

|                   |        |
|-------------------|--------|
| Response time [s] | 2...20 |
|-------------------|--------|

### Operating conditions

|            |       |
|------------|-------|
| Protection | IP 67 |
|------------|-------|

### Mechanical data

|                    |               |
|--------------------|---------------|
| Housing            | Threaded type |
| Dimensions [mm]    | M12 x 1       |
| Thread designation | M12 x 1       |
| Material           | PTFE          |
| Process connection | M12 x 1       |

### Remarks

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

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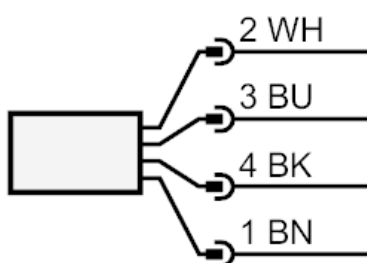
STM12AAC/US-100-H

### Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 100 m



### Connection



|      |               |
|------|---------------|
| BK = | Core colors : |
| BN = | black         |
| BU = | brown         |
| WH = | blue          |
|      | white         |