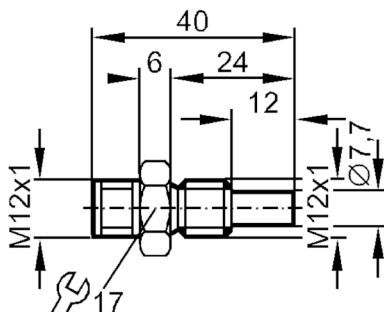




Flow sensor for connection to an evaluation unit

STM12ABA/US-100-H

Article no longer available - archive entry



Product characteristics

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

Application

| | |
|-------------------------|------------------------|
| Application | high-temperature range |
| Media | Liquids; Gases |
| Medium temperature [°C] | -25...80 |
| Pressure rating [bar] | 30 |

Liquids

| | |
|-------------------------|------------------------|
| Application | high-temperature range |
| Medium temperature [°C] | -25...80 |

Gases

| | |
|-------------------------|----------|
| 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 |

Gases

| | |
|----------------------|----------|
| Setting range [cm/s] | 5...1500 |
|----------------------|----------|

Accuracy / deviations

| | |
|------------------------------|----|
| Temperature gradient [K/min] | 15 |
|------------------------------|----|

Response times

| | |
|-------------------|--------|
| Response time [s] | 1...10 |
|-------------------|--------|

Liquids

| | |
|-------------------|--------|
| Response time [s] | 1...10 |
|-------------------|--------|

Gases

| | |
|-------------------|--------|
| Response time [s] | 1...10 |
|-------------------|--------|

Operating conditions

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

ST1004



Flow sensor for connection to an evaluation unit

STM12ABA/US-100-H

| Mechanical data | |
|--------------------|--------------------------------|
| Housing | threaded type |
| Dimensions [mm] | M12 x 1 |
| Thread designation | M12 x 1 |
| Materials | stainless steel (1.4305 / 303) |
| Process connection | M12 x 1 |

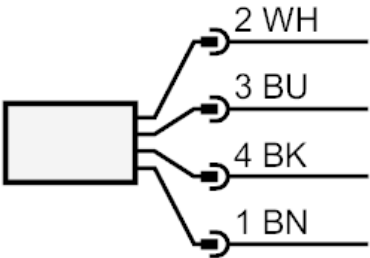
| Remarks | |
|---------------|--------|
| Pack quantity | 1 pcs. |

Electrical connection

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



Connection



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