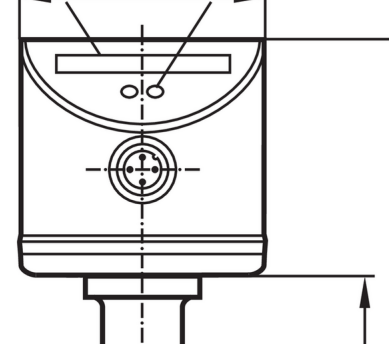


SIS30ABBFPKG/US-100-IPF



Technical drawing of the M12x1 1/2. The drawing shows a side view of the component with dimensions: 137 (total height), 89 (height to the top of the lower section), 38 (height of the lower section), 15 (height of the bottom flange), 9 (height of the top flange), 63 (width of the top flange), 27 (height of the top flange), 36 (width of the top flange), 10,8 (inner diameter of the bottom flange), 7,7 (outer diameter of the bottom flange), and 12 (thread diameter). The drawing is labeled with a circled 1 and a circled 2.

- ```
1 LED display
2 setting pushbutton
3 Aseptoflex thread
```



**EC 1935/2004**

## FCM



**Hygienic  
Cleanable**



threaded connection Aseptoflex external thread Aseptoflex

## 3 MPa

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10

# SI6200



## Flow monitor

SIS30ABBFPKG/US-100-IPF

| Inputs / outputs                                     |                                                              |
|------------------------------------------------------|--------------------------------------------------------------|
| Number of inputs and outputs                         | Number of digital outputs: 1                                 |
| Outputs                                              |                                                              |
| Total number of outputs                              | 1                                                            |
| Output signal                                        | switching signal                                             |
| Electrical design                                    | PNP                                                          |
| Number of digital outputs                            | 1                                                            |
| Output function                                      | normally open / closed; (configurable)                       |
| Max. voltage drop switching output DC [V]            | 2.5                                                          |
| Permanent current rating of switching output DC [mA] | 250                                                          |
| Short-circuit protection                             | yes                                                          |
| Type of short-circuit protection                     | yes (non-latching)                                           |
| Overload protection                                  | yes                                                          |
| Measuring/setting range                              |                                                              |
| Probe length L [mm]                                  | 38                                                           |
| Liquids                                              |                                                              |
| Setting range [cm/s]                                 | 3...300                                                      |
| Greatest sensitivity [cm/s]                          | 3...100                                                      |
| Gases                                                |                                                              |
| Setting range [cm/s]                                 | 200...3000                                                   |
| Greatest sensitivity [cm/s]                          | 200...800                                                    |
| Accuracy / deviations                                |                                                              |
| Repeatability [cm/s]                                 | 1...5                                                        |
| Note on repeatability                                | for water 5...100 cm/s; 25 °C                                |
|                                                      | Factory setting                                              |
| Temperature drift [cm/s x 1/K]                       | 0.1; (for water 5...100 cm/s; 10...70 °C)                    |
| Max. temperature gradient of medium [K/min]          | 300                                                          |
| Switch point accuracy [cm/s]                         | ± 2...± 10; (for water 5...100 cm/s; 25 °C; Factory setting) |
| Hysteresis [cm/s]                                    | 2...5; (for water 5...100 cm/s; 25 °C; Factory setting)      |
| Reaction times                                       |                                                              |
| Response time [s]                                    | 1...10                                                       |
| Software / programming                               |                                                              |
| Adjustment of the switch point                       | pushbuttons                                                  |
| Operating conditions                                 |                                                              |
| Ambient temperature [°C]                             | -25...60                                                     |
| Protection                                           | IP 67; IP 69K                                                |

# SI6200



## Flow monitor

SIS30ABBFPKG/US-100-IPF

| Tests / approvals    |                           |                     |
|----------------------|---------------------------|---------------------|
| EMC                  | EN 61000-4-2 ESD          | 4 kV CD / 8 kV AD   |
|                      | EN 61000-4-3 HF radiated  | 10 V/m              |
|                      | EN 61000-4-4 Burst        | 2 kV                |
|                      | EN 61000-4-6 HF conducted | 10 V                |
| Shock resistance     | DIN IEC 68-2-27           | 50 g (11 ms)        |
| Vibration resistance | DIN EN 60068-2-6          | 10 g (55...2000 Hz) |
| MTTF                 | [years]                   | 298                 |

| Mechanical data          |      |                                                                                  |
|--------------------------|------|----------------------------------------------------------------------------------|
| Weight                   | [g]  | 403.5                                                                            |
| Housing                  |      | tubular                                                                          |
| Dimensions               | [mm] | Ø 50 / L = 137                                                                   |
| Material                 |      | stainless steel (1.4404 / 316L); PC; PBT-GF20; EPDM/X; O-ring: FKM               |
| Materials (wetted parts) |      | stainless steel (1.4435 / 316L) surface characteristics: Ra < 0,4 µm / Rz = 4 µm |
| Process connection       |      | threaded connection Aseptoflex external thread Aseptoflex                        |
| Probe diameter           | [mm] | 7.7                                                                              |
| Installation length EL   | [mm] | 38                                                                               |

| Displays / operating elements |          |                       |
|-------------------------------|----------|-----------------------|
| Display                       | Function | 10 x LED, three-color |

| Remarks       |                                                                                |  |
|---------------|--------------------------------------------------------------------------------|--|
| Notes         | Please do not use for new projects.; no more adapters available as accessories |  |
| Pack quantity | 1 pcs.                                                                         |  |

### Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4, gold-plated



### Connection

