



# Compact flow monitoring in hygienic areas.



## Aseptoflex Vario – new G 1 process connection with 4 sealing options.

- Prepared and tested for process fittings of hygienic areas.
- Suitable for medium temperatures up to 120 °C.
- LED bar graph for indication of switch point and flow.
- Process adapters available as accessories.
- Material (wetted parts) high-grade stainless steel (1.4435 / 316L).



### Easy handling and high functionality

Adjustment to the flow and setting of the switch points are carried out by pressing a pushbutton. Flow and switch point are indicated by multicolour LEDs directly on the unit. The unit offers high repeatability to ensure optimum process consistency.

The sensor can be individually, in accordance with the application, adjusted using the teach function. At the same time the sensor enables the detection of separation layers (water / air).

Electronic locking of the settings and factory reset of the parameters provide additional safety.



fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

**Applications:**  
Hygienic areas, viscous media











| Setting range liquid / gaseous [cm/s]           | Greatest sensitivity liquid / gaseous [cm/s] | Medium temperature [°C] | Max. T <sub>0</sub> gradient [K/min] | Probe length [mm] | Order no.     |
|---|--|-------------------------|--------------------------------------|-------------------|---------------|
| <b>M12 connector - output functions NC / NO</b> |  |                         |                                      |                   |               |
| 3...300 / 200...3000                            | 3...100 / 200...800                          | -25...95 (120 max. 1 h) | 150                                  | 20                | <b>SI6600</b> |
| 3...300 / 200...3000                            | 3...100 / 200...800                          | -25...95 (120 max. 1 h) | 300                                  | 38                | <b>SI6700</b> |
| 3...300 / 200...3000                            | 3...100 / 200...800                          | -25...95 (120 max. 1 h) | 300                                  | 55                | <b>SI6800</b> |

**Aseptoflex Vario – the new process connection with 4 sealing options**

The new process connection Aseptoflex Vario with G 1 thread enables sealing via a metal sealing edge, O-rings of various materials (e.g. EPDM or FKM), a PEEK ring or common sealing materials (e.g. teflon tape). Various process adapters (clamp, DIN11851 pipe fittings, etc.) are available as accessories.

In addition, the G 1 thread fits into conventional adapters and T-pieces. Sealing at the thread via an additional slot which can locate an O-ring or flat seal is possible.







**Accessories**

| Type   | Description  | Order no.     |
|--|--|---------------|
|       | Aseptoflex Vario adapter on clamp 1-1.5" with PEEK / elastomeric O-ring        | <b>E33201</b> |
|       | Aseptoflex Vario adapter on clamp 1-1.5" with metal-on-metal sealing           | <b>E33701</b> |
|       | Aseptoflex Vario adapter on clamp 2" with PEEK / elastomeric O-ring            | <b>E33202</b> |
|       | Aseptoflex Vario adapter on clamp 2" with metal-on-metal sealing               | <b>E33702</b> |
|  | Aseptoflex Vario adapter to DIN 11851 DN40 (1.5") with PEEK/elastomeric O-ring | <b>E33212</b> |
|  | Aseptoflex Vario adapter to DIN 11851 DN40 (1.5") with metal-on-metal sealing  | <b>E33712</b> |
|       | Aseptoflex Vario welding adapter   | <b>E30122</b> |
|       | FKM (Viton) sealing ring for Aseptoflex Vario                                  | <b>E30123</b> |
|       | PEEK sealing ring for Aseptoflex Vario   | <b>E30124</b> |
|       | Protective cover, PP colourless  | <b>E40203</b> |

**Further technical data**

| Type<br>SI6600, SI6700, SI6800         |  |
|--|--|
| Operating voltage [V]                  | 19...36 DC   |
| Short-circuit protection, pulsed       | •  |
| Reverse polarity / overload protection | • / •  |
| Current rating [mA]                    | 250  |
| Protection                             | IP 67 / IP 69K, III  |
| Ambient temperature [°C]               | -25...60   |
| Pressure resistance [bar]              | 30   |
| Housing materials                      | high-grade stainless steel (1.4435 / 316L), PC (Makrolon), PBT-GF 20, EPDM/X (Santoprene); O-ring: FKM |
| Materials (wetted parts)               | high-grade stainless steel (1.4404 / 316L), surface characteristics: Ra < 0.4 / Rz 4                   |

**Connectors and splitter boxes**

| Type  | Description                                 | Order no.     |
|---|---|---------------|
|  | Socket, M12, 4-pole, 5 m orange, PVC cable  | <b>EVT001</b> |
|  | Socket, M12, 4-pole, 10 m orange, PVC cable | <b>EVT002</b> |
|  | Socket, M12, 4-pole, 25 m orange, PVC cable | <b>EVT003</b> |
|  | Socket, M12, 4-pole, 5 m orange, PVC cable  | <b>EVT004</b> |
|  | Socket, M12, 4-pole, 10 m orange, PVC cable | <b>EVT005</b> |
|  | Socket, M12, 4-pole, 25 m orange, PVC cable | <b>EVT006</b> |

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