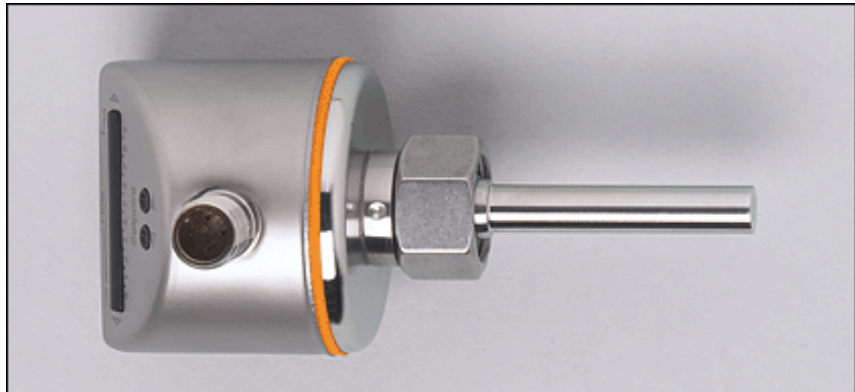


Flow sensors

**SI5004**

SID10ADB100G/US  
 Flow transmitter  
 Compact type for adapter  
 Connector  
 Process connection: internal thread  
 M18 x 1.5 for adapter  
 Analogue output



Made in Germany

<b>Application</b>
<b>Electrical design</b>
<b>Output</b>
Operating voltage [V]
Reverse polarity protection
Overload protection
Current consumption [mA]
Analogue output
Pressure rating [bar]
<b>Liquids</b>
Medium temperature [°C]
Setting range [cm/s]
Greatest sensitivity [cm/s]
<b>Gases</b>
Medium temperature [°C]
Setting range [cm/s]

<b>liquids</b>
<b>DC</b>
<b>4...20 mA analogue</b>
19...36 DC
yes
yes
< 60
4...20 mA, max. 22 mA (500 Ω)
300
-25...80
3...300
3...100
-
-

**SI5004**

Repeatability [cm/s]	1...5 *)
Accuracy	± 2...± 10 cm/s *)
Power-on delay time [s]	10
Response time [s]	1...10
Temperature drift [cm/s x 1/K]	0.1 **)
Ambient temperature [°C]	-25...80
Storage temperature [°C]	-25...100
Protection	IP 67, III
Shock resistance	DIN IEC 68-2-27:50 g (11 ms)
Vibration resistance	DIN EN 60068-2-6:20 g (55...2000 Hz)
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
MTTF [Years]	259
Housing materials	stainless steel 316L / 1.4404; stainless steel 304 / 1.4301; PC (Makrolon); PBT-GF 20; EPDM/X (Santoprene)
Materials (wetted parts)	stainless steel 316L / 1.4404; O-ring: FPM 8 x 1.5 gr 80° Shore A
Function display LED	10 LEDs, three-colour
Connection	M12 connector
Weight [kg]	0.237
Remarks	*) for water; 5...100 cm/s; 25°C (factory setting) **) for water; 5...100 cm/s; 10...70°C

**Wiring**

