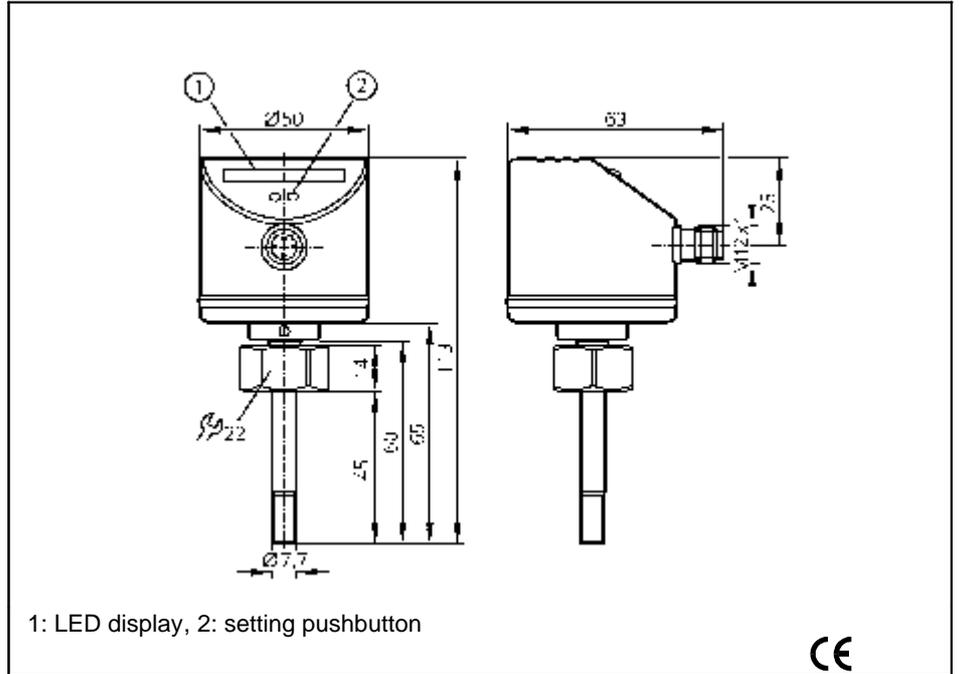


## SI5000

Flow monitors  
SID10ABBFPKG/US

Compact type for adapter  
Plug and socket

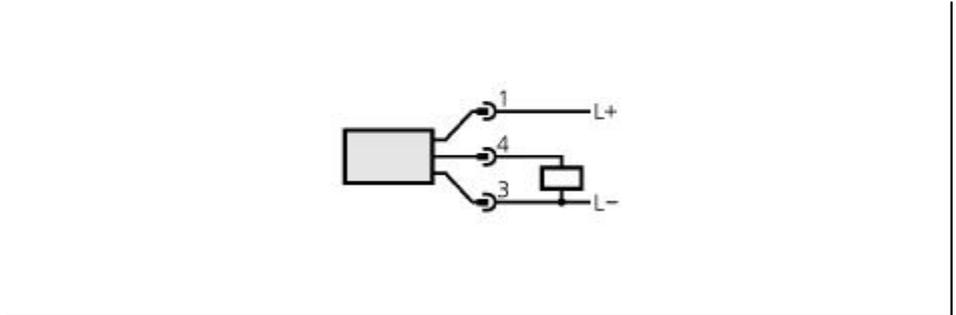
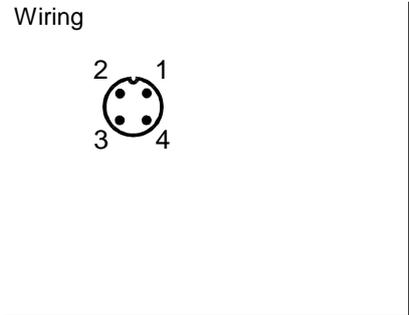


<b>Application</b>	
<b>Electrical design</b>	
<b>Output</b>	
Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Current consumption	[mA]
Max. temperature gradient of medium	[K/min]
Pressure rating	[bar]
<b>Liquids</b>	
Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]
<b>Gases</b>	
Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]

<b>liquids and gases</b>
<b>DC PNP</b>
<b>normally open / closed programmable</b>
19...36 DC
250
pulsed
yes
yes
< 2.5
< 60
300
30
-25...80
3...300
3...100
-25...80
200...3000
200...800

**SI5000**

Adjustment of the switch point		pushbuttons
Hysteresis [cm/s]		2...5 *)
Repeatability [cm/s]		1...5 *)
Measuring error [cm/s]		± 2...± 10 *)
Power-on delay time [s]		10 **)
Response time [s]		1...10
Operating temperature [°C]		-25...80
Protection		IP 67, III
Shock resistance [g]		50 (DIN / IEC 68-2-27, 11 ms)
Vibration resistance [g]		20 (DIN / IEC 68-2-6, 55-2000 Hz)
Housing material		stainless steel (304S15); PC (Macrolon); PBT-GF 20; EPDM/X (Santoprene)
Sensor material		stainless steel (316S12); O-ring: FPM 8 x 1.5 gr 80° Shore A
Function display	LED	10 LEDs, three-colour
Connection		M12 connector



Remarks

\*) within the setting range 5...100 cm/s  
 \*\*) optically indicated  
 All indications typical of water at 25°C.