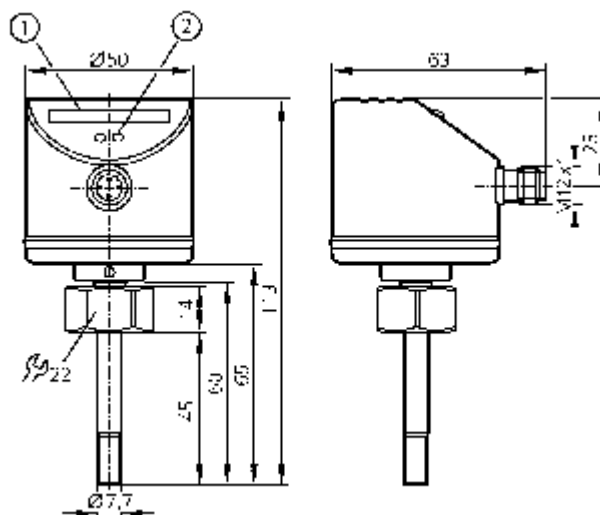


SI5000

Flow monitors
SID10ABBFPKG/US

Compact type for adapter
Plug and socket



1: LED display, 2: setting pushbutton



Application Electrical design Output

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]

Liquids

Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]

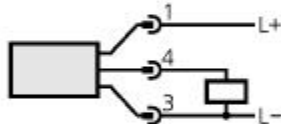
Gases

Medium temperature	[°C]
Setting range	[cm/s]
Greatest sensitivity	[cm/s]

liquids and gases DC PNP normally open / closed programmable

Operating voltage	19...36 DC
Current rating	250
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop	< 2.5
Current consumption	< 60
Max. temperature gradient of medium	300
Pressure rating	30
Medium temperature	-25...80
Setting range	3...300
Greatest sensitivity	3...100
Medium temperature	-25...80
Setting range	200...3000
Greatest sensitivity	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
Wiring	
Remarks	<p>*) within the setting range 5...100 cm/s</p> <p>**) optically indicated</p> <p>All indications typical of water at 25°C.</p>