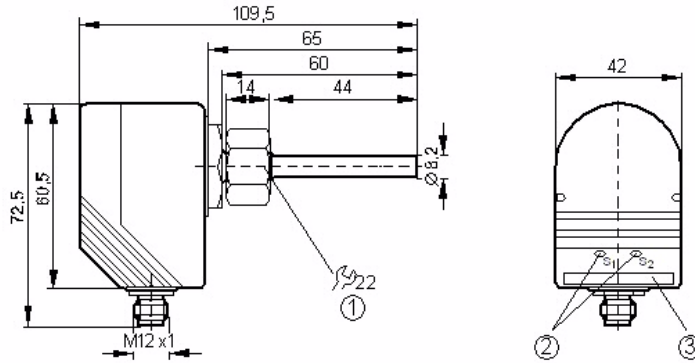


Flow monitors

SI1007

SID10ADBFPKG/US
Compact type for adapter
Plug and socket

- 1 switching output for flow monitoring
- 1 switching output for temperature monitoring or logic combination flow/temperature



1: internal thread M18x1.5, 2: setting pushbuttons, 3: LED display

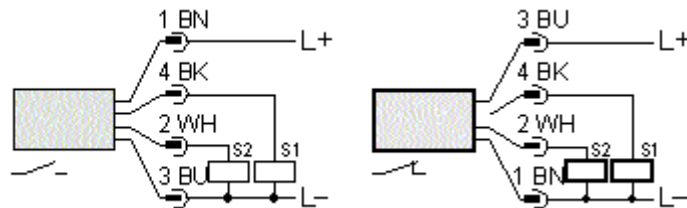
Application	liquids and gases
Electrical design	DC PNP
Output	normally open / closed programmable
Setting range [cm/s]	3...300
Operating voltage [V]	20...36 DC 1)
Current rating [mA]	2 x 250
Short-circuit protection	•
Reverse polarity protection / Overload protection	•
Voltage drop [V]	< 2,5
Current consumption [mA]	< 90
Max. temperature gradient of medium [K/min]	300
Pressure rating [bar]	300
Liquids	
Medium temperature [°C]	-25...+80
Setting range [cm/s]	3...300
Greatest sensitivity [cm/s]	3...60
Gases	
Medium temperature [°C]	-25...+80
Setting range [cm/s]	200...3000
Greatest sensitivity [cm/s]	200...800
Temperature monitoring	
Setting range [°C]	0...80
Resolution [°C]	1
Hysteresis [°C]	2
Repeatability [°C]	± 2
Error [°C]	± 3 (v > 5cm/s) / ± 5 (v > 100cm/s *)
Response time temperature (typ.) [s]	5

SI1007

Adjustment of the switch point	push buttons
Power-on delay time [s]	15 **)
Response time [s]	1...10
Operating temperature [°C]	-25...+80 (UB < 28 V DC) / ... +60 (UB > 28 V DC)
Protection	IP 67 (IEC 60529) / (UL50)
Housing material	PBT-GF 20
Material sensor surface	stainless steel (316S12); O-ring: FPM 8x1.5 gr 80° Shore A
Function display	
Function LED	10 LEDs, three-colour
Connection	M12 connector

Wiring

S1: flow monitoring
 S2: temperature monitoring or
 logic combination
 flow/temperature



Remarks

1) to EN50178, SELV, PELV;
 referring to UL: "limited voltage" with overcurrent protection in accordance with UL508

*) liquids / gases

***) optically indicated

Accessories (included)

grease (UH1 84-201)