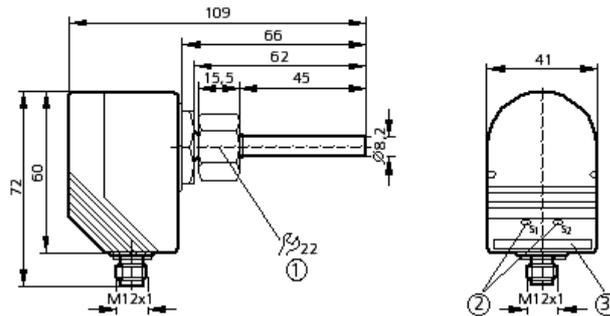


Flow monitors

SI1010

SID10ADBFPKG/US
Compact type for adapter
Plug and socket



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

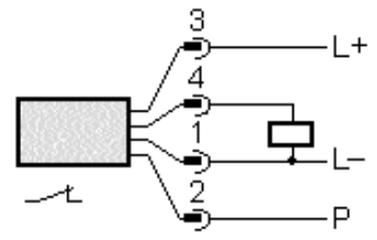
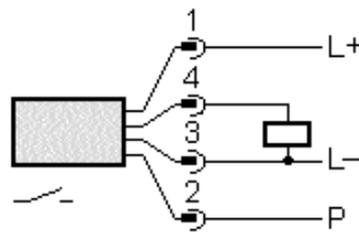
Application
Electrical design
Output
Setting range [cm/s]

coolant / oils in machine tools
DC PNP
normally open / closed programmable
3 ... 300

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]
Adjustment of the switch point
Power-on delay time [s]
Response time [s]
Function display LED
Operating temperature [°C]
Protection
Housing material
Material sensor surface
Connection

Operating voltage [V]	20 ... 36 DC
Current rating [mA]	400
Short-circuit protection	•
Reverse polarity protection / Overload protection	•
Voltage drop [V]	< 2,5
Current consumption [mA]	< 100
Max. temperature gradient of medium [K/min]	300
Pressure rating [bar]	300
Liquids	-25 ... +80
Medium temperature [°C]	
Setting range [cm/s]	3 ... 300
Greatest sensitivity [cm/s]	3 ... 60
Gases	-
Medium temperature [°C]	
Setting range [cm/s]	-
Greatest sensitivity [cm/s]	-
Adjustment of the switch point	push buttons
Power-on delay time [s]	15 *)
Response time [s]	1 ... 2
Function display LED	10 LEDs, three-colour
Operating temperature [°C]	-25 ... +80
Protection	IP 67
Housing material	PBT-GF 20
Material sensor surface	stainless steel (316S12); O-ring: NBR 8x1.5 sw 90° Shore A
Connection	M12 connector

Wiring



Remarks

*) optically indicated