

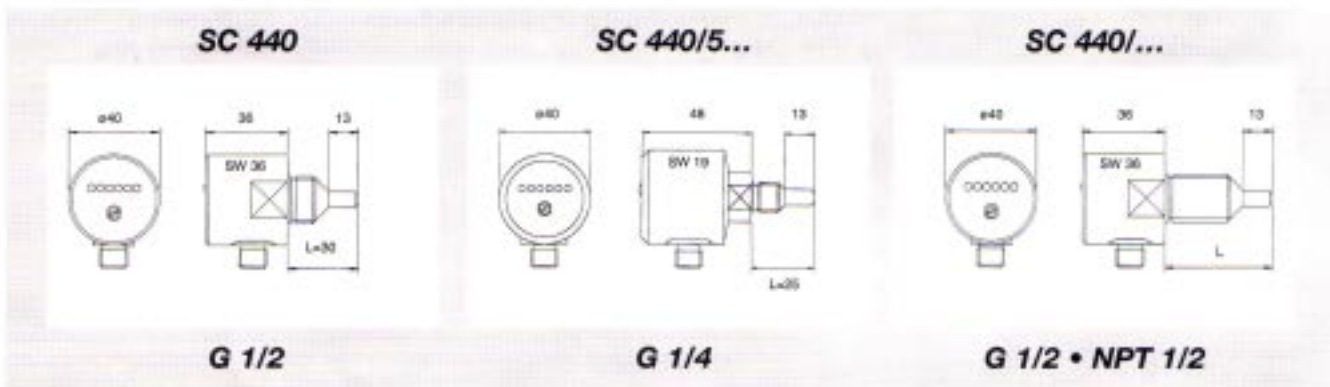
# FLOW CONTROLLER

## Compact model • Series 400



### Monitoring equipment for fluids

- Self-contained sensor
- One-piece stainless steel sensor
- LED-Line
- Pressure-tight up to 100 bar



TYPE	ID-NR.	GERÄTE-DESIGN				
SC 440-A4-GSP	P10521	Compact model G 1/2	stainless steel	A4 Plug	L=30 mm	24V DC
SC 440/1-A4-GSP	P10523	Compact model G 1/2	stainless steel	A4 Plug	L=48 mm	24V DC
SC 440/2-A4-GSP	P10525	Compact model G 1/2	stainless steel	A4 Plug	L=80 mm	24V DC
SC 440/3-A4-GSP	P10526	Compact model G 1/2	stainless steel	A4 Plug	L=120 mm	24V DC
SC 440/5-A4-GSP	P11064	Compact model G 1/4	stainless steel	A4 Plug	L=25 mm	24V DC
SC 440/6-A4-GSP	P11066	Compact model NPT 1/2	stainless steel	A4 Plug	L=40 mm	24V DC
SLG 3-2	Z01076	Cable plug casing M12 DC straight;		Current/Signal cable	2m PVC	
SLG 3-5	Z01077	Cable plug casing M12 DC straight;		Current/Signal cable	5m PVC	
SLW 3-2	Z01078	Cable plug casing M12 DC angular;		Current/Signal cable	2m PVC	
SLW 3-5	Z01079	Cable plug casing M12 DC angular;		Current/Signal cable	5m PVC	

### Note

In the case of pressures higher than 15 bar a recess must be incorporated into the fitting which will keep the delivered flat gasket in the right position. When the thread is tightened the gasket must be compressed less than 30 %.

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### Technical Data

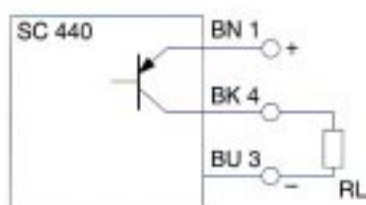
SC 440...			
Supply voltage	24 V DC		
Tolerance	± 20%		
Current consumption max.	70 mA		
Output	PNP NO, 400 mA (20 °C)		
Ambient temperature	-20...+80 °C		
EMC-class	Class A		
Protection	IP 67		
Connection	Metall-Universal plug M12		
Detection range	Water	1...150 cm/s	Nominal flow 20 cm/s
	oil	3...300 cm/s	Nominal flow 60 cm/s
Temperature range	-20...+80 °C (Medium)		
Temperature gradient	250 °C/min		
Temperature step time	typ. 12 s		
Stand-by time	typ. 8 s (2...15 s)		
Switching delay on	typ. 2 s (1...13 s)		
Switching-off time	typ. 2 s (1...15 s)		
Compressive strength	100 bar		
Material Sensor (DIN 17440)	AISI 316 Ti		

### LED-indicators

Flow control red  
 yellow  
 yellow a. green

Indicates flow off or flow below set threshold value. Output flow is not activated.  
 Indicates the flow has just exceeded the set threshold value. Output flow is activated.  
 Indicates the flow has exceeded the set threshold value by between 30 and 100%.  
 Output flow is activated.

### Connection diagram



Code: BK = black BN = brown BU = blue GN = green YE = yellow GY = grey PK = pink WH = white