

## Compact models AC/DC • Plug-in installation

Series SNS 450 - Flow controller

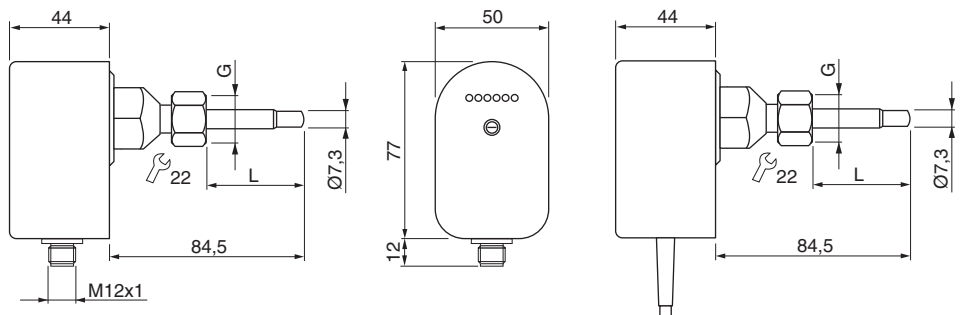

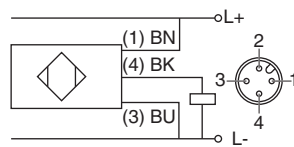
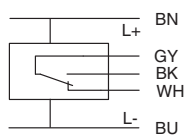
AC 230 V • AC 115 V • DC 24 V

PNP output • Relay output

Connection thread M18x1,5

Can be used universally  
with an adapter



Design	M18x1.5			
Dimensions				
Detection range [cm/s]	water 1...150 / oil 3...300			
Output				
Sensor length L [mm]	47	47	47	47
Connection thread G	M18x1.5	M18x1.5	M18x1.5	M18x1.5
ID-No.	P11360*	P11362*	P11364*	P11365*
Type	SNS 450-A4-GSP-S	SNS 450-A4-GR	SNS 450-A4-WR2	SNS 450-A4-WR1
Supply voltage [V]	24 DC ±20%	24 DC ±20%	230 AC ±10%	115 AC ±10%
Current consumption [mA]	<100	<100	<35	<65
Switching voltage max. [V]	-	250 AC / 60 DC	250 AC / 60 DC	250 AC / 60 DC
Switching current max. [A]	0,4	4 AC / 4 DC	4 AC / 4 DC	4 AC / 4 DC
Switching power max.	-	1000 VA / 60 W	1000 VA / 60 W	1000 VA / 60 W
Ambient temperature [°C]	-20...+70			
Medium temperature [°C]	-20...+80			
Temperature gradient [K/min]	250			
Start-up time typ. [s]	8 (2...15)			
Reaction time typ. [s]	2 (1...13)			
Compressive strength [bar]	100			
Sensor material	AISI 316 Ti			
Housing material	PBT			
Display flow	LED array			
Protection [EN 60529]	IP 67			
Connection	M12 connector	2 m PVC-cable 5x0.5 mm <sup>2</sup>		
				
Accessories	connecting cable type SLG, SLW (See 1.91), screw-in adapter SDA-SCS-... (page 1.95)			