

Inline-Compact | Micro flow

DC 24 V

PNP output

G1/4 thread

Detection of micro flow pulses

Fast reaction time - high sensitivity

For oiling systems



Design	G1/4 pulse detection	
<i>Dimensions</i>	<p style="text-align: right;">other threads on request</p>	
Detection range [ml/min]	from 0.02 ml / 100 ms	from 0,02 ml / 100 ms
Working range [ml/min]	from 0.02 ml / 100 ms	from 0,04 ml / 100 ms
Inner diameter d [mm]	4x1 mm ² (rectangular)	3,6 mm
Media	waterbased media, lubricating and motor oil	waterbased media, lubricating oil
Output	 PNP	 PNP
ID-No.	P11396*	P11372*
Type	SDN 501/1 GSP-DYN	SDN 503/1 GSP-DYN
Supply voltage [V]	24 DC ±20%	24 DC ±20%
Current consumption [mA]	<60	<50
Switching current max. [mA]	200 (20 °C)	200 (20 °C)
Ambient temperature [°C]	0...+50	0...+60
Medium temperature [°C]	0...+80	-20...+80
Start-up time typ. [s]	60	15
Reaction time typ. [s]	<0.1	<0.1
Turn off delay [s]	0.5...10	0.5...10
Compressive strength [bar]	10	20
Sensor material	AISI 316 Ti	
Housing material	PBT, AISI 303	PBT, AISI 303
Display flow	LED yellow	LED yellow
Protection [EN 60529]	IP 67	IP 67
Connection	M12 connector	
* US LISTED E304328	The SDN... GSP-DYN detects increasing in flow. The switch-off delay is adjustable between 0.5...10 s	
Accessories	connecting cable type SLG, SLW, SBG, SBW, see page 1.114	