



Magnetic flowmeter | Digital display

Magnetic flowmeter

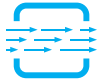
Measurement error < 2%

Programmable

Analog and PNP output



Design	SDI... GAPP	
Dimensions		
Working range [l/min]	0...40	0.2...80
Measurement error	0...5.0 l/min ≤ 0.1 l/min 5.1...40.0 l/min ≤ 2% of measurement value *	0...10.0 l/min ≤ 0.2 l/min 10.1...80.0 l/min ≤ 2% of measurement value*
ID-No.	P11320	P11321
Type	SDI 852/1 GAPP	SDI 852/2 GAPP
Outer diameter pipe [mm]	10	15
Pipe connection	tube fittings for steel tubes accord. to DIN 2391 / ISO 3304	
Output	 PNP NC / NO, programmable	 4...20 mA, linear
Supply voltage [V]	24 DC ±10%	
Current consumption [mA]	<100	
Switching current max. [mA]	200 (20 °C)	
Load R _L [Ω]	200...500	
Ambient temperature [°C]	0...+60	
Medium temperature [°C]	5...+60	
Medium conductivity [µS/cm]	≥ 10 (water: ≥ 15)	≥ 20 (water: ≥ 30)
Reaction time [s]	0.5...8	
Programmable functions	switching point, hysteresis, switching output, time on/off delay, analog range, averaging, access code	
Compressive strength [bar]	10	
Material	housing: PBT sensor: PVDF / AISI 316 Ti	
Protection [EN 60529]	IP 65	
Connection	M12 connector	
*Note: Reference conditions according to EN 29104		
Accessories	mounting plate, connecting cable type SLG, SLW (page 1.114), adapter G1/4 (page 1.118)	



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Measurement error < 2%

Programmable

Analog and PNP output
Impulse output



Design	SDI... GAPP	
Dimensions	<p style="text-align: right;">Optional: mounting plate (Z01178)</p>	
Working range [l/min]	0...40	0,2...80
Measurement error	0...5.0 l/min ≤ 0.1 l/min 5.1...40.0 l/min ≤ 2% of measurement value*	0...10.0 l/min ≤ 0.2 l/min 10.1...80.0 l/min ≤ 2% of measurement value*
ID-No.	P11322	P11323
Type	SDI 853/1 GAPP	SDI 853/2 GAPP
Pulse output 1 [ml/pulse]	*5 (1 ms), 10 (5 ms), 50 (5 ms) programmable	
Outer diameter pipe [mm]	10	15
Pipe connection	tube fittings for steel tubes accord. to DIN 2391 / ISO 3304	
Output	 PNP NC / NO, programmable	 4...20 mA, linear
Supply voltage [V]	24 DC ±10%	
Current consumption [mA]	100	
Switching current max. [mA]	200	
Load RL [Ω]	200...500	
Ambient temperature [°C]	0...+60	
Medium temperature [°C]	5...+60	
Medium conductivity [μS/cm]	≥ 10 (water: ≥ 15)	≥ 20 (water: ≥ 30)
Reaction time [s]	0.5...8	
Programmable functions	switching point, hysteresis, switching output, time on/off delay, analog range, impulse, averaging, access code	
Compressive strength [bar]	10	
Material	housing: PBT sensor: PVDF / AISI 316 Ti	
Protection [EN 60529]	IP 65	
Connection	M12 connector	
*Note: Reference conditions according to EN 29104		
Accessories	mounting plate, connecting cable type SLG, SLW (page 1.114), adapter G1/4 (page 1.118)	