

Magnetic flowmeter • Digital display

Series SDI - Magnetic flowmeter

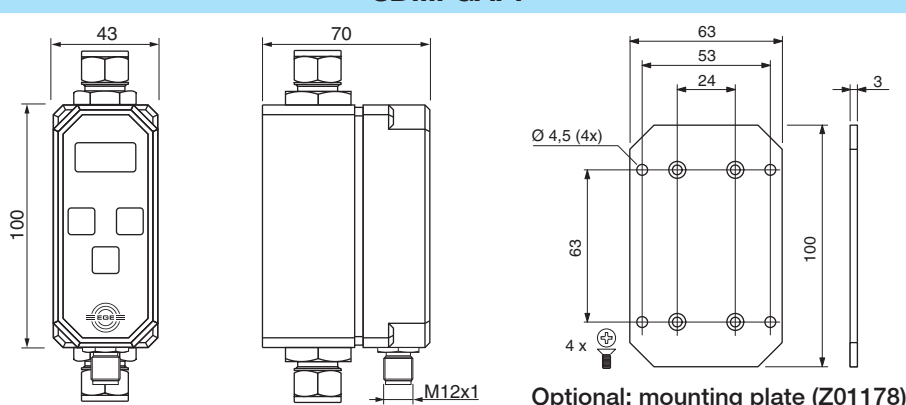
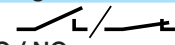

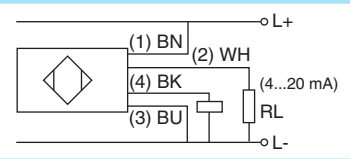
Measurement error <2%

Programmable

Analog and PNP output

Impulse output



Design	SDI... GAPP			
Dimensions	 <p>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...40 l/min ≤2% of measurement value*		0...10.0 l/min ≤0.2 l/min 10.1...80 l/min ≤2% of measurement value*	
ID-No.	P11320	P11322	P11321	P11323
Typ	SDI 852/1 GAPP	SDI 853/1 GAPP ¹	SDI 852/2 GAPP	SDI 853/2 GAPP ¹
Pulse output	-	•	-	•
Outer diameter pipe [mm]	10		15	
Pipe connection	tube fittings for steel tubes according to DIN 2391 / ISO 3304			
Output	 PNP NC / NO, programmable		 4...20 mA, linear	
Switching current [mA]	200			
Load R _L [Ω]	200...500			
Supply voltage [V]	24 DC ±10%			
Current consumption [mA]	100			
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			
*Notice: Reference conditions according to EN 29104			¹ Impulses can be set to 1, 5, 10 und 50 ml/pulse (SDI 853...GAPP).	
Accessories	connecting cable type SLG, mounting plate, adapter G1/4			