

## Magnetic flowmeter • Digital display

### Series SDI 850 - Magnetic flowmeter

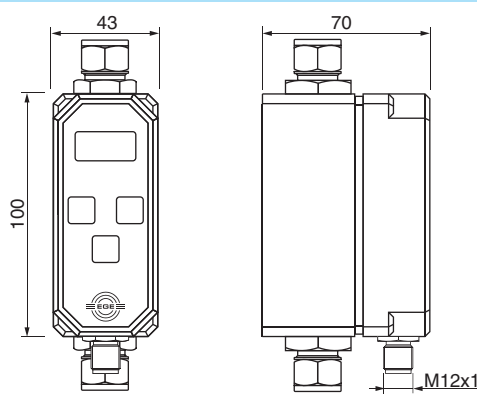
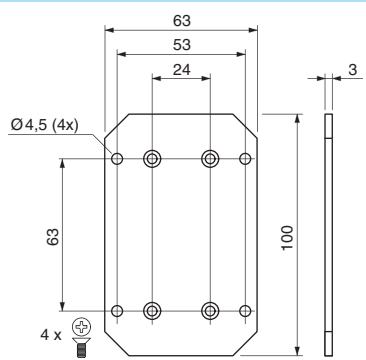
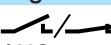

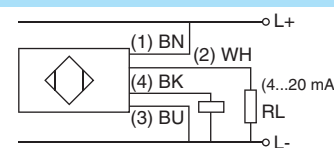
Measurement error <2%

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.	P11322	P11323
Type	SDI 853/1 GAPP	SDI 853/2 GAPP
Pulse output <sup>1</sup>	•	•
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 [mA]	200	
Load R <sub>L</sub> [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	<sup>1</sup> Impulses can be set to 1, 5, 10 and 50 ml/pulse.	
Accessories	mounting plate, connecting cable type SLG, SLW (page 1.99), adapter G1/4 (page 1.103)	