



ES
Engine
Systems

seitzvalve

Pre Chamber Direct Injector

Pre Chamber Direct Injectors are specially designed for low- middle- and fast speed engines. This valve can inject gas in a pre chamber or direct in the combustion chamber. No check valve is necessary!



Pre Chamber Direct Injector

Function	2/2-way solenoid valve NC
Pressure range	0 ... 10 bar
Back pressure	up to 300 bar
DN	2.2 mm
Connection	Hollow screw
Material	Valve body: Special grade steel or nickel base alloy Nozzle: Special grade steel or nickel base alloy Seals: metallic sealed
Mounting position	Arbitrary
Media	Natural gas, other gases on request
Ambient temperature	- 20 °C ... 90 °C air cooled / up to 150 °C fluid cooled
Flow rate	Kv 0.125 m ³ /h
Leakage	External: Bubble free Internal: <0.12 NI/h
Solenoid	15 A boost current / 5 A hold current +10% – 15%, 204 W boost / 23 W hold
Voltage	48 ... 110 V boost / 24 V PWM hold
Response time	Fully open in 3 ms up to 200 mm shaft length Fully closed in 3 ms up to 200 mm shaft length
Expected life time	Up to 780 million cycles
Shaft length	Up to 400 mm
Connector Type	Tyco connector with cable or direct connector DIN 43650



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Order information

Type	Construction	Art.-No.	Weight
3094 A	Shaft 166 mm / cable 500 mm / Tyco connector	274.454.00	0.86 kg
3094 B	Shaft 50 mm / cable 500 mm / Tyco connector	274.034.00	0.80 kg
3094.xx	Shaft length and connector customized		

