



The digital purging gas valve activated by the SILAS controller conducts the supplied purging gas into the Ex pz control cabinet. During the purging phase the purging gas valve opens far enough to allow the max. purging gas pressure to be reached and ensure purging pressure in the encapsulated control cabinet. After the purging phase the purging gas valve closes. The leakage from the Ex pz control cabinet is compensated by the valve's linear opening.

**Explosion protection**

Ex protection type ATEX	II 3G Ex nA IIC T4
Approved for	Zone 2
Other approvals and certificates, see www.bartec.de	
Ambient temperature	-10 °C to +55 °C

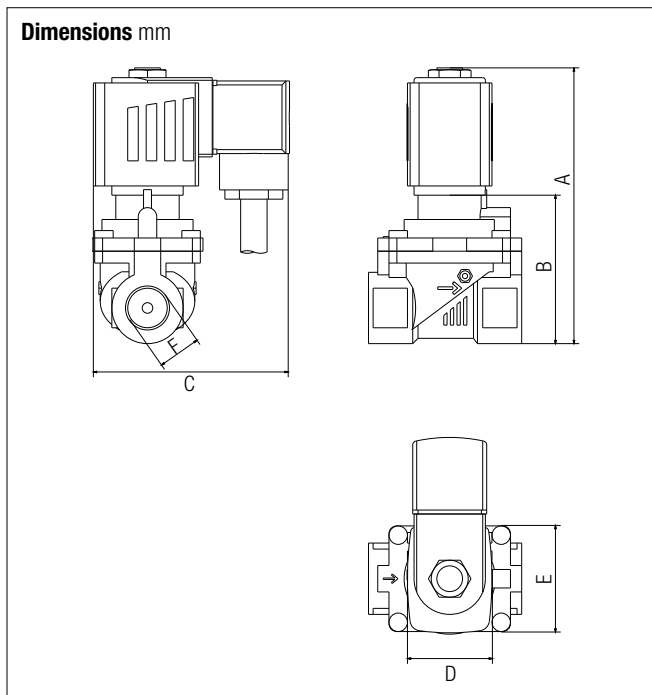
**Technical data**

Adjusting elements	Adjustment screw to set the quantity of leakage air
Supply voltage	AC 230 V/9 W/50 to 60 Hz AC 115 V/9 W/50 to 60 Hz DC 24 V/9 W
Voltage tolerance	± 10 %
Pressure range	0 to 16 bar
Connection	3-metre cable
Valve connection	G 3/8"
Nominal diameter	13 mm
Max. Ex px control cabinet capacity	2.000 litres
Weight	approx. 1.2 kg
Protection class	P 65
Assembly	Inside Ex pz operating equipment
Scope of supply	Valve 2 x purging air nozzle, without boreholes

**Purging air nozzle**

Ex px control cabinet capacity	Recommended purging air nozzle
< 50 litres	Ø 2.8 mm
≥ 50 litres < 300 litres	Ø 3.9 mm
≥ 300 < 700 litres	Ø 4.5 mm
≥ 1000 litres	Ø 5.5 mm

**Dimensions mm**



Dimensions in mm	Type
105	A
56	B
73	C
32	D
42	E
G 3/8"	F

**Ordering information**

	Digital purging gas valve	Code no.
3 m cable connection	AC 230 V	81
	AC 110 V	82
	DC 24 V	83

Complete oder no. 03-5110-00

Please enter code number. Technical data subject to change without notice.

