



## **SOLENOID VALVE 00125301**

URL:<https://www.sxplc.com/solenoid-valve-00125301>

### **Product data sheet**

<b>Body material</b>	Type 6013	Brass, stainless steel 1.4305
	Type 6013 A	Brass, stainless steel 1.4305
<b>Seal material</b>		FKM, PTFE/Graphite (EPDM on request)
<b>Analysis version</b>		Silicon, oil and fat free version
Type 6013 A		Tightness < 10 <sup>-4</sup> mbar l/s
<b>Limit value for residual carbon</b>		
Type 6013 A		< 0.2 mg/dm <sup>2</sup>
<b>Medium</b>		<ul style="list-style-type: none"> <li>• Technical vacuum</li> <li>• Neutral gases and liquids (e.g. compressed air, water, hydraulic oil)</li> <li>• Neutral medium, which does not attack the body and seal materials (see chemical resistance chart)</li> </ul>
Type 6013		
Type 6013 A		
<b>Medium temperature</b>		
FKM		- 10 to + 100 °C (PA coil) till 120 °C (Epoxy coil)
PTFE/Graphite		- 40 to + 180 °C (see chemical resistance chart)
FKM, Circuit function B		- 10 to 100 °C (AC) - 10 to 120 °C (DC)
<b>Ambient temperature</b>		Max. + 55 °C
<b>Viscosity</b>		Max. 21 mm <sup>2</sup> /s
<b>Port connection</b>	Type 6013	G 1/8, G 1/4, G 3/8, sub-base (SFB)
	Type 6013 A	G 1/8, G 1/4
<b>Operating voltage</b>	Type 6013	24 V DC, 24 V/50 Hz, 230 V/50 Hz
	Type 6013 A	24 V DC, 230 V/50 Hz (other voltages on request)
<b>Voltage tolerance</b>		± 10 %
<b>Duty cycle/single valve</b>		100 % continuous rating
With block assembly on manifold		Intermittent operation 60 % (30 min) or with 5 W coil on request
<b>Electrical connection</b>		Tag connector acc. to DIN EN 175301-803 Form A (previously DIN 43650) for cable plug Type 2508 (see accessories) ATEX/IECEX version with 3 m moulded cable
<b>Installation</b>		As required, preferably with actuator upright
<b>Assembly</b>		No oils, fats or silicone to be used during installation
<b>Protection class</b>		IP65 with cable plug, ATEX/IECEX junction box version and cable connection version
<b>Coil insulation class</b>		Polyamide class B Epoxy class H

