

EVANS GAS STICKS

The innovative stainless steel components from Evans fulfill the high purity demand of the semiconductor industry. Due to the combination of various elements the application of Evans gas sticks in installations saves both time and costs as well as increases the safety of the whole plant since the number of connections is reduced.

USE AND AREA OF APPLICATION

Gas supply during installation and operation

SERIES	CV	WORKING PRESSURE	OPERATING TEMPERATURE	OUTLET PRESSURE RANGE
GS	0.14	34.47 bar	- 40°C - 70°C	0 - 8.62 bar
GM	1.10	34.47 bar	- 40°C - 70°C	0 - 8.62 bar
GL	1.80	34.47 bar	- 40°C - 70°C	0 - 8.62 bar



CONCEPT / CONSTRUCTION

The G-Stick is a mounting combined of:

- Pressure gauge
- Filter (option)
- Pressure regulator
- Valve

ADVANTAGES

- Compact design – ideal for application with limited space
- Minimization of leakage risk due to reduced number of connections
- Full port ball valve
- Documentation
- 74 µm stainless pre-filter that eliminates the potential for particulate damage to regulator seat (option)

SPECIFICATIONS

Material:	Nickel plated forged brass body / Display: stainless steel
Dimensions:	6,35 mm – 25,40 mm
Technical specification:	Valve with full port, GS (0.187), GM/GL (0.406)
Pressure regulator:	Single stage, stainless diaphragm, PCTFE (kel F) seat
Pressure gauge:	30-0-200 psig/bar, 2" diameter
Helium leak test:	100% Helium leak tested to 1×10^{-7} scc/sec
Purity:	Ultra purity component (CFOS), packed in a class 100 clean room
Mounting:	Mounting holes 10-32 UNEF female thread with regulator and valve
Documentation:	Record of Helium leak test
Construction dimensions without filter:	Series GS: 205,75 mm Series GM: 261,60 mm Series GL: 261,60 mm



EXAMPLE OF APPLICATION



Evans Components Inc. | 7606 SW Bridgeport Road
Portland, Oregon 97224 USA | Phone 971-249-1600
Fax 971-249-1601 | www.evanscomponents.com

D-CKWEILER

TUBE SYSTEMS IN STAINLESS STEEL

Dockweiler AG | An der Autobahn 10/20

19306 Neustadt-Glewe | Phone + 49 (0) 387 57 58 0

info@dockweiler.com

D-CKWEILER

TUBE SYSTEMS IN STAINLESS STEEL

EVANS GAS STICK

