

## Series G3

In today's highly automated machines, the AVENTICS Series G3 electronic fieldbus valve system is replacing conventional hardwired solutions. It integrates communication interfaces to pneumatic valve system with input/output (I/O) capabilities. This next-generation electronic platform permits easy access to connections; it's simple to assemble, install, commission, and maintain. The G3's functionality allows programmable logic controllers to more efficiently turn valves on and off, and to channel I/O data from sensors, lights, relays, individual valves, or other I/O devices via various industrial networks. The G3 is the only pneumatic valve manifold that contains a graphical display used for configuration, commissioning, and diagnostics. It offers improvements in application, performance, and maintenance for original equipment manufacturers (OEMs) and end users alike.



## Technical data

Industry	Industrial
Note	Power plug 7/8", 4-pin
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Max. number of valve positions	32
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Current consumption electronics	0.03 A
Operating voltage, actuators	24 V DC
Total output for valves	4 A
Protection class	IP65
Diagnosis	Undervoltage
Max. I/O module extension	15
Electrical connection type	Plug
Electrical connection size	7/8"
Electrical connection number of poles	4-pin
Weight	0.235 kg

# G3 Subbus module

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240-241

## Material

Housing material

polyethyleneterephthalate

Part No.

240-241

