

AVENTICS G3 Electronic Fieldbus Platform

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 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
Version	I/O modules
Note	Socket (female), M8x1
E/A capable	connection with I/O
I/O module version	digital inputs PNP
Number of I/O connections	8 inputs
Number of inputs	8
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Current consumption electronics	55 A
Max. current per channel	0.15 A
Power supply for actuators	24 V DC
Total output for valves	4 A
Protection class	IP65
Max. total current of sensors	1,2 A
Diagnosis	Short circuit
Weight	0.274 kg

I/O modules, Series G3

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240-326

Material

Housing material

Polybutyleneterephthalate

Part No.

240-326

