## 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 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 50 °C Max. ambient temperature Max. number of valve positions 32

24 V DC Operational voltage electronics

Electronics voltage tolerance -10% / +10%

Current consumption electronics 0.03 A

Operating voltage, actuators 24 V DC Total output for valves 4 A

**IP65** Protection class

Diagnosis Undervoltage

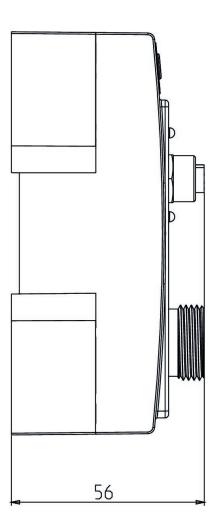
15

Max. I/O module extension Electrical connection type Plug 7/8" Electrical connection size

Electrical connection number of poles 4-pin  $0.235 \, kg$ Weight

## Material

Housing material Part No.



polyethyleneterephthalate 240-241

