

## Electric Magnetic Valve G3/4 FPD



PID: MIKROE-6756

**Electric Magnetic Valve G3/4 FPD (FPD-270A)** is a compact, all-copper, normally closed solenoid valve designed for water inlet control in home appliances and industrial systems. It operates on DC 12V, supports pressures from 0.02 to 0.8MPa, and handles flow rates up to 15 L/min. With high durability (50,000 cycles), strong pressure resistance (2MPa), and excellent corrosion protection (48h salt spray), it ensures reliable, long-term performance. The valve features pilot-operated, unidirectional operation and is built to withstand demanding environmental conditions up to 2500m altitude and 95% humidity.

### Downloads

[FPD-270A datasheet](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
 ISO 14001: 2015 certification of environmental management system.  
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).