

DUNGS MBC GAS-AIR CONTROL SYSTEMS

Product Data Sheet

W-MF 512 C01

MBC-700 multifunction gas control valve

FUNCTION	FAMILY	ORIGIN	WEIGHT
MBC-700 multifunction gas control valve	DUNGS MBC gas-air control systems	Switzerland	Confirm before dispatch

DUNGS W-MF 512 C01 is a MBC-700 multifunction gas control valve for the DUNGS MBC gas-air control systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Article Code	W-MF 512 C01
Product Class	Mbc-700 Multifunction Gas Control Valve
Product Family	DUNGS MBC gas-air control systems
Valve Family	MBC-700
Nominal Connection	Rp 2 / DN 50 class
Operating Medium	Natural gas and LPG
Maximum Inlet Pressure	360 mbar
Supply Voltage	230 V AC class
Frequency	50/60 Hz
Control Ratio	Up to 100:1

Ambient Range	-15 to +70 °C
Closing Time	< 1 s
Leakage Class	EN 161 Class A

- Stabilize product blending with Mbc 700 process control: Across the component tanks and blend headers, W-MF 512 C01 supports the configured automation role as a MBC-700 multifunction gas control valve. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Coordinate test-stand control with Mbc 700 process control: During operation of the load actuators and measurement channels, W-MF 512 C01 performs its assigned control role as a MBC-700 multifunction gas control valve. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Balance raw-water pumping with Mbc 700 process control: At the control layer of the intake pumps and wet wells, W-MF 512 C01 handles its designated signal or control duty as a MBC-700 multifunction gas control valve. During peak-flow demand, the system uses this function to coordinate pump duty and level response, helping it maintain hydraulic continuity.

Match W-MF 512 C01 to the installed DUNGS MBC gas-air control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[DUNGS official product documentation and manufacturer catalog](#)

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