

铜电磁阀系列
COPPER SOLENOID VALVE SERIES



FCD.3-T12

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa	进水口: Inlet	1/2"内螺纹 G1/2" female thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"外螺纹 G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥12L/min	≥20L/min	≥34L/min



FCD.3-T13

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa	进水口: Inlet	1/2"外螺纹 G1/2" male thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"外螺纹 G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥12L/min	≥20L/min	≥34L/min



FCD.3-T20

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa	进水口: Inlet	1/2"外螺纹 G1/2" male thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"外螺纹 G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥2L/min	≥9L/min	≥15L/min	≥26L/min



FCD.3-T23

额定电压: Rated voltage	脉冲6V	进水口: Inlet	1"内螺纹 G1" female thread
水压范围: Working pressure	0.02~0.8Mpa	出水口: outlet	1"内螺纹 G1" female thread
介质温度: Medium temperature	0~50°C		

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥30L/min	≥55L/min	≥100L/min	≥190L/min



FCD.3-T27

额定电压: 脉冲6V
 Rated voltage

水压范围: 0.02~0.8Mpa
 Working pressure

进水口: 1/2"内螺纹
 Inlet G1/2" female thread

介质温度: 0~50°C
 Medium temperature

出水口: 1/2"外螺纹
 outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥12L/min	≥20L/min	≥34L/min



FCD.3-T28

额定电压: 脉冲6V
 Rated voltage

水压范围: 0.02~0.8Mpa
 Working pressure

进水口: 1"内螺纹
 Inlet G1" female thread

介质温度: 0~50°C
 Medium temperature

出水口: 1"内螺纹
 outlet G1" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥25L/min	≥55L/min	≥95L/min	≥180L/min



FCD.3-T29

额定电压: 脉冲6V
 Rated voltage

水压范围: 0.02~0.8Mpa
 Working pressure

进水口: 1/2"内螺活扣
 Inlet G1/2" female thread

介质温度: 0~50°C
 Medium temperature

出水口: 1/2"外螺纹
 outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥12L/min	≥30L/min	≥34L/min



FCD.3-T30

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa
 Working pressure

进水口: 1/2"外螺纹
 Inlet G1/2" male thread

介质温度: 0~50°C
 Medium temperature

出水口: 1/2"外螺纹
 outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥2L/min	≥9L/min	≥15L/min	≥26L/min



FCD.3-T31

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: 1/2"内螺纹
Working pressure Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥12L/min	≥20L/min	≥34L/min



FCD.3-148TS

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158T

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~120°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	8L/min	13L/min	25L/min



FCD.3-168T

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~120°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178T

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~120°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178TB

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"内螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G3/4" female thread

介质温度: 0~120°C 出水口: 3/4"外螺纹
 Medium temperature outlet G3/4" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178TF

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~120°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178TFA

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G3/4" male thread

介质温度: 0~50°C 出水口: 3/4"外螺纹
 Medium temperature outlet G3/4" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

直角电磁阀系列
ANGLE SOLENOID VALVE SERIES



FCD.3-158

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

安装间距: 38mm
Install spacing

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158A

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158AK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158B

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
Working pressure 0~0.05Mpa(无压) Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"内螺活扣
Medium temperature outlet G1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

直角电磁阀系列

ANGLE SOLENOID VALVE SERIES



FCD.3-158BF

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 0~0.05Mpa(无压) 进水口: 1/2"内螺活扣
 Working pressure Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"内螺活扣
 Medium temperature outlet G1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158C

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 0~0.05Mpa(无压) 进水口: 快插
 Working pressure Inlet quick connect

介质温度: 0~50°C 出水口: 快插
 Medium temperature outlet quick connect

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158K

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 0~0.05Mpa(无压) 进水口: 1/2"外螺纹
 Working pressure Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-158U

额定电压: 脉冲6V/DC12V/DC24V/DC36V/DC48V/AC220V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 0~0.05Mpa(无压) 进水口: 1/2"外螺纹
 Working pressure Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

常开电磁阀系列
NORMAL OPEN SOLENOID VALVE SERIES



FCD.3-178TFK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"male thread

介质温度: 0~130°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178TK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"male thread

介质温度: 0~130°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-178K

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448AK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

常开电磁阀系列

NORMAL OPEN SOLENOID VALVE SERIES



FCD.3-448AAK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: M11*1外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet M11*1 male thread

介质温度: 0~50°C 出水口: M11*1外螺纹
 Medium temperature outlet M11*1 male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448BAK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448BAFK

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-468K

额定电压: DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"内螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G3/4" female thread

介质温度: 0~50°C 出水口: 3/4"外螺纹
 Medium temperature outlet G3/4" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

直通电磁阀系列
STRAIGHT SOLENOID VALVE SERIES



FCD.3-148

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
Rated voltage AC110V/AC220

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-148A

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
Rated voltage AC110V/AC220

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-148B

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
Rated voltage AC110V/AC220

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
Working pressure 0~0.05Mpa(无压) Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"内螺活扣
Medium temperature outlet G1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-148BAF

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
Working pressure 0~0.05Mpa(无压) Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

直通电磁阀系列

STRAIGHT SOLENOID VALVE SERIES



FCD.3-148F

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-148U

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
 Rated voltage AC110V/AC220

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-488

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: Ø19
 Working pressure Inlet

介质温度: 0~50°C 出水口: Ø15
 Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448A

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448AS

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa (有压) 0~0.05Mpa(无压)	进水口: Inlet	1/2"外螺纹 G1/2" male thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"外螺纹 G1/2" male thread
安装间距: Install spacing	49mm		

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448B

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa (有压) 0~0.05Mpa(无压)	进水口: Inlet	1/2"内螺活扣 G1/2" female thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"内螺活扣 G1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448BA

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa (有压) 0~0.05Mpa(无压)	进水口: Inlet	1/2"内螺活扣 G1/2" female thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"外螺纹 G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448BF

额定电压: Rated voltage	脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/ AC12V/AC24V/AC36V/AC48V/AC110V/AC220V		
水压范围: Working pressure	0.02~0.8Mpa (有压) 0~0.05Mpa(无压)	进水口: Inlet	1/2"内螺活扣 G1/2" female thread
介质温度: Medium temperature	0~50°C	出水口: outlet	1/2"内螺活扣 G1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

直通电磁阀系列

STRAIGHT SOLENOID VALVE SERIES



FCD.3-448BQ

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺活扣
 Working pressure Inlet G1/2" female thread

介质温度: 0~50°C 出水口: 无螺纹
 Medium temperature outlet No thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448F

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-448G

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-468A

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"内螺纹
 Working pressure 0~0.05Mpa(无压) Inlet G3/4" female thread

介质温度: 0~50°C 出水口: 3/4"外螺纹
 Medium temperature outlet G3/4" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-468B

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"内螺纹
Working pressure 0~0.05Mpa(无压) Inlet G3/4"female thread

介质温度: 0~50°C 出水口: 3/4"外螺纹
Medium temperature outlet G3/4"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-468U

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 3/4"内螺纹
Working pressure 0~0.05Mpa(无压) Inlet G3/4"female thread

介质温度: 0~50°C 出水口: 3/4"外螺纹
Medium temperature outlet G3/4"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-548

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"外螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
Medium temperature outlet G1/2"male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-548B

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa (有压) 进水口: 1/2"内螺纹
Working pressure 0~0.05Mpa(无压) Inlet G1/2"female thread

介质温度: 0~50°C 出水口: 1/2"内螺纹
Medium temperature outlet G1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCK-48

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220

水压范围: 0.02~0.8Mpa 进水口: 1"、3/4"、1/2"内螺纹
Working pressure Inlet 1"、3/4"、1/2"female thread

介质温度: 0~50°C 出水口: 1"、3/4"、1/2"内螺纹
Medium temperature outlet 1"、3/4"、1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥0.4L/min	/	≥25L/min	≥40L/min


FCK-48S

额定电压: 脉冲4.5/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220

水压范围: 0.02~0.8Mpa 进水口: 1"、3/4"、1/2"内螺纹
Working pressure Inlet 1"、3/4"、1/2"female thread

介质温度: 0~50°C 出水口: 1"、3/4"、1/2"内螺纹
Medium temperature outlet 1"、3/4"、1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥0.4L/min	/	≥25L/min	≥40L/min


FCK-58

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220

水压范围: 0.02~0.8Mpa 进水口: 1"、3/4"、1/2"、3/8"内螺纹
Working pressure Inlet 1"、3/4"、1/2"、3/8"female thread

介质温度: 0~50°C 出水口: 1"、3/4"、1/2"、3/8"内螺纹
Medium temperature outlet 1"、3/4"、1/2"、3/8"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥0.4L/min	/	≥25L/min	≥40L/min


FCK-68

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220V

水压范围: 0.02~0.8Mpa 进水口: 2"、1 1/2"内螺纹
Working pressure Inlet 2"、1 1/2"female thread

介质温度: 0~50°C 出水口: 2"、1 1/2"内螺纹
Medium temperature outlet 2"、1 1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	/	/	/	/



FCK-78

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220V

水压范围: 0.02~0.8Mpa 进水口: 2", 1 1/2"内螺纹
Working pressure Inlet 2", 1 1/2"female thread

介质温度: 0~50°C 出水口: 2", 1 1/2"内螺纹
Medium temperature outlet 2", 1 1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	/	/	/	/



FCK-88

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220V

水压范围: 0.02~0.8Mpa 进水口: 2", 1 1/2"内螺纹
Working pressure Inlet 2", 1 1/2"female thread

介质温度: 0~50°C 出水口: 2", 1 1/2"内螺纹
Medium temperature outlet 2", 1 1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	/	/	/	/



FCK-118

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220

水压范围: 0.02~0.8Mpa 进水口: 1", 3/4", 1/2"内螺纹
Working pressure Inlet 1", 3/4", 1/2"female thread

介质温度: 0~50°C 出水口: 1", 3/4", 1/2"内螺纹
Medium temperature outlet 1", 3/4", 1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥8L/min	/	≥25L/min	≥40L/min



FCK-128

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC110V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110/AC220V

水压范围: 0.02~0.8Mpa 进水口: 1", 3/4", 1/2"内螺纹
Working pressure Inlet 1", 3/4", 1/2"female thread

介质温度: 0~50°C 出水口: 1", 3/4", 1/2"内螺纹
Medium temperature outlet 1", 3/4", 1/2"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥8L/min	/	≥25L/min	≥40L/min


FCD.3-538

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: G1"内螺纹
 Working pressure Inlet G1" female thread

介质温度: 0~50°C 出水口: G1"外螺纹
 Medium temperature outlet G1" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-638

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: 1/8"、1/4"、3/8"内螺纹
 Working pressure Inlet 1/8"、1/4"、3/8" female thread

介质温度: 0~50°C 出水口: 1/8"、1/4"、3/8"内螺纹
 Medium temperature outlet 1/8"、1/4"、3/8" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-648

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: 3/8"内螺活扣
 Working pressure Inlet 3/8" male thread

介质温度: 0~50°C 出水口: 3/8"外螺纹
 Medium temperature outlet 3/8" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-658

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: 3/8"内螺活扣
 Working pressure Inlet 3/8" female thread

介质温度: 0~50°C 出水口: 3/8"外螺纹
 Medium temperature outlet 3/8" male thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-728

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: 1/8"、1/4"、3/8"内螺纹
 Working pressure Inlet 1/8"、1/4"、3/8"female thread

介质温度: 0~50°C 出水口: 1/8"、1/4"、3/8"内螺纹
 Medium temperature outlet 1/8"、1/4"、3/8"female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-818

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0~0.05Mpa(无压) 进水口: 快插接头
 Working pressure Inlet quick connect

介质温度: 0~50°C 出水口: 快插接头
 Medium temperature outlet quick connect

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



三控阀

水压范围: 0~1.2Mpa 进水口: 1/2"外螺纹
 Working pressure Inlet G1/2" male thread

介质温度: 0~50°C 出水口: 1/2"外螺纹
 Medium temperature outlet G1/2" male thread

功能特性: 陶瓷阀芯, 可拆洗过滤网
 Functional characteristics Ceramic valve core, the filter can unpick and wash



PPR

水压范围: 0~1.2Mpa 进水口: Ø27.5 无螺
 Working pressure Inlet No thread

介质温度: 0~50°C 出水口: Ø27.5 无螺
 Medium temperature outlet No thread

功能特性: 陶瓷阀芯
 Functional characteristics Ceramic valve core


FCD.3-8

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/DC110V/
 Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.05~0.8Mpa (有压) 进水口: Ø13
 Working pressure 0.05~0.8Mpa (无压) Inlet

介质温度: 0~50°C 出水口: Ø13
 Medium temperature outlet

安装间距: 42.5mm
 Install spacing

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-T15

额定电压: 脉冲6V/DC9V/DC12V/DC24V
 Rated voltage

水压范围: 0.02~0.8Mpa 进水口:
 Working pressure Inlet

介质温度: 0~50°C 出水口:
 Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-T16

额定电压: 脉冲6V/DC9V/DC12V/DC24V
 Rated voltage

水压范围: 0.02~0.8Mpa 进水口:
 Working pressure Inlet

介质温度: 0~50°C 出水口:
 Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min


FCD.3-T17

额定电压: 脉冲6V/DC9V/DC12V/DC24V
 Rated voltage

水压范围: 0.02~0.8Mpa 进水口:
 Working pressure Inlet

介质温度: 0~50°C 出水口:
 Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-T19D

额定电压: 脉冲6V/DC9V/DC12V/DC24V
Rated voltage

水压范围: 0.02~0.8Mpa 进水口:
Working pressure Inlet

介质温度: 0~50°C 出水口:
Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3-148TSA

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口: NPT 1/2"外螺纹
Working pressure Inlet NPT 1/2" female thread

介质温度: 0~50°C 出水口: NPT 1/2"外螺纹
Medium temperature outlet NPT 1/2" female thread

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min



FCD.3线圈组

额定电压: 脉冲6V/DC9V/DC12V/DC24V/DC36V/DC48V/
Rated voltage AC12V/AC24V/AC36V/AC48V/AC110V/AC220V

水压范围: 0.02~0.8Mpa 进水口:
Working pressure Inlet

介质温度: 0~50°C 出水口:
Medium temperature outlet

水压 (Water Pressure)	0.02Mpa	0.1Mpa	0.3Mpa	0.8Mpa
流量 (Flow)	≥3L/min	≥8L/min	≥13L/min	≥25L/min

脉冲马桶配件





安装与使用说明

INSTALL AND DIRECTION FOR USE

一、电磁阀安装说明

- 1、安装前先冲洗管道，将杂质冲洗干净。
- 2、若是水塔供水，请选择与水压相适配电磁阀，以免电磁阀不能上水或流量过小。
- 3、检查电磁阀标识电压是否与控制电源输出电压一致，检查过滤网是否完整、阀体各部位是否无破损。水流方向与电磁阀箭头标识方向一致。
- 4、电磁阀应安装在室内易维修及避免造成其它连带损失的区域，注意防冻、防晒，以防阀体冻裂老化，缩短使用寿命。安装时线圈朝上。
- 5、禁止用扳手等工具作用于线圈及塑料部位，电磁阀两端接口管道应保持在同一直线上，切勿两接口上下错位时强行安装，以保证电磁阀在安装时不受损坏；应保证安装好的电磁阀不受管道错位扭力作用。
- 6、安装好后，通电检测。
- 7、出现电磁阀不良品，用不干胶贴好故障标签，并标明地点、时间、故障现象、处理人等要素，以便厂家品质甄别及改善。
- 8、如出现非正常安装、使用所造成故障及损失，不属于厂家三包范围。

二、基本故障及排除方法

1、电磁阀打不开

故障原因	检查方法	解决方案
1) 接线接触不良	检查接触	重新接好线
2) 线圈是否正常通电	万用表量阻值	更换线圈或电磁阀
3) 工作电压不正常	测工作电压	更换输入电源使之正常
4) 水压小于0.02Mpa	打开水龙头估计	加装增压泵或更换低水压电磁阀
5) 过滤网堵塞	目测	定期清洗过滤网
6) 异物堵塞阀瓣小孔	拆开线圈目测	清洗使小孔畅通并检装过滤网
7) 水压高于0.8Mpa	打开水龙头估计	加装减压阀或提升工作电压(增10%内)
8) 进出水口方向反装	目测	重新正确安装
9) 其他		更换电磁阀并贴好故障标签

2、电磁阀关不住

故障原因	检测方法	解决方案
1) 电源一直通电	万用表测量	更换或维修电源
2) 异物堵塞阀瓣小孔或阀口	拆开线圈目测	清洗使小孔畅通并检装过滤网
3) 动铁芯下端橡胶件脱落	拆开线圈目测	重新装好橡胶件
4) 橡胶膜片破损或脱落	拆开线圈目测	重新装好橡胶膜片
5) 其他		更换电磁阀并贴好故障标签

3、止回漏水

故障原因	检测方法	解决方案
1) 止回膜片破损或脱落	拆开盖子目测	重新装好止回膜片
2) 异物堵塞阀口	拆开盖子目测	清洗异物、重新检装
3) 其他		更换电磁阀并贴好故障标签

4、流量小

故障原因	检测方法	解决方案
1) 异物堵塞阀瓣小孔或阀口	拆开线圈目测	清洗使小孔畅通
2) 过滤网堵塞	目测	清洗过滤网
3) 其他		更换电磁阀并贴好故障标签

5、低水压漏水

故障原因	检测方法	解决方案
1) 阀腔内有水垢与脏物	拆开线圈目测	清洗橡胶膜片和阀腔内的污垢
2) 安装问题	目测	线圈朝上，进、出水口与地面平行
3) 其他		更换电磁阀并贴好故障标签

6、管件或阀体其他部位漏水

故障原因	检测方法	解决方案
1) 运输、安装时部件受损或冰冻胀裂	目测	更换电磁阀贴好故障标签，并注意正确安装，将电磁阀装在室内或加强保温
2) 其他		更换电磁阀并贴好故障标签

一、INSTRUCTION FOR INSTALLATION OF SOLENOID VALVE

- 1、 Before installing, please clean the pipeline, clear away the impurities.
- 2、 If the water is supplied from the water tower, please select the solenoid valve suitable for the water pressure, to avoid the solenoid valve failing the feed of water or small water flux.
- 3、 Check whether the marked voltage of solenoid valve is consistent with the output voltage of control power, and examine whether the filtering net or each part of valve body is perfect. Make sure the direction of water flow is identical with the arrow direction of solenoid valve.
- 4、 Install the solenoid in the indoor area where can take convenience for the maintenance and prevent any other losses, pay attention to preventing it being frozen and solarized, otherwise, the valve block will be frozen up and aged, and the service life will be shortened. The coils should be upward in installing.
- 5、 Never use the spanner to operate the coils and plastic parts, keep the pipelines of couplings at the both ends of solenoid valve in the same level, never install forcedly when two couplings are malposition, to guarantee the solenoid valve should be perfect in installing; in addition, make sure the installed solenoid valve should be free from the twisting force induced from the malposition of pipelines.
- 6、 Conduct power-on detection after finishing installation.
- 7、 Label the defective solenoid valve for fault with the sticker, and indicate the place, time, symptom and person in charge, so as to help manufacturer discriminate and improve the quality.
- 8、 Faults and losses that are caused by abnormal installation and use don't belong to three-guarantee range of manufacturer.

二、BASIC FAULTS AND SOLUTIONS

1、The solenoid valve can't be opened

Cause	Test method	Solution
1) Connection is poor in contact	Examine the contact	Reconnect the wires
2) Abnormal charge for coils	Measure the resistance with multimeter	Change the coil or solenoid valve
3) Abnormal working voltage	Test the working voltage	Change the input power and make it normal
4) Water pressure is lower than 0.02Mpa	Open the water tap for estimation	Mount a booster pump additionally or change the solenoid valve of low water pressure
5) The filtering net is blocked	Visual test	Clean the filtering net regularly
6) The small hole of valve clack is blocked by foreign material	Remove the coils for visual test	Clean and make the small hole unblocked, and examine the filtering net
7) The water pressure is higher than 0.8Mpa	Open the water tap for estimation	Reinstall correctly
8) The water inlet and outlet are installed reversely	Visual test	Change the solenoid valve and stick a trouble ticket on it
9) Other		

2、Basic faults and solutions

Cause	Test method	Solution
1) Power supply is on all the while	Measured by multimeter	Change or repair the power supply
2) Valve flap hole or valve port is blocked by foreign material	Disassemble the coil and make a visual test	Clean and make the hole smooth, inspect the filter
3) Rubber article on lower end of moving iron core drops off	Disassemble the coil and make a visual test	Reassemble the rubber article
4) Rubber diaphragm is damaged or split away off	Disassemble the coil and make a visual test	Reassemble the rubber diaphragm
5) Others		Change the solenoid valve and stick a trouble ticket on it

3、Nonreturn leakage

Cause	Test method	Solution
1) Nonreturn diaphragm is damaged or split away off	Disassemble the rear cover and make a visual test	Remount the nonreturn diaphragm
2) Valve port is blocked by foreign matter	Disassemble the rear cover and make a visual test	Flush away the foreign matter, inspect again
3) Others		Change the solenoid valve and stick a trouble stick on it

4、Small flow rate

Cause	Test method	Solution
1) Valve flap hole or valve port is blocked by foreign matter	Disassemble the coil and make a visual test	Clean and make the hole smooth
2) Filter screen is blocked up	Visual test	Clean the filter screen
3) Others		Change the solenoid valve and stick a trouble ticket on it

5、Low water pressure leakage

Cause	Test method	Solution
1) There is incrustation or dirt in valve pocket	Disassemble the coil and make a visual test	Clean the rubber diaphragm and clear up the incrustation from valve pocket
2) Install problem	Visual test	Coil upturn, Inlet and outlet parallel to the ground
3) Others		Change the solenoid valve and stick a trouble ticket on it

6、Pipe fitting or leakage on other part of valve body

Cause	Test method	Solution
1) Cause: Parts are damaged or frozen burst when transporting and mounting	Test method: Visual test	Solution Change the solenoid valve and stick a trouble ticket on it, make sure to install correctly, install the solenoid indoors or pay attention to heat preservation.
2) Others		Change the solenoid valve and stick a trouble ticket on it



康乐达官网



电子目录本



康乐达公众号



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