



MCC Solenoid Valve NC 1.5W

Description

Area of application

MCC Solenoid valve is used in the MPV 6 system. It is a new addition to the many fine products we manufacture for climate control systems for buses. The solenoid valve is used in combination with a pneumatic water valve to regulate the flow to heating circuits.

Some of the features are:

- Contact with knock-out (single/double wire cable)
- reduced power needs (1.5 watts)
- direct bolted to air manifold
- internal air connections
- noise suppression
- IP 67 rating



This product information covers the description, technical data, spare parts, and installation of the solenoid valve.

Technical data

Technical performance

System working pressure	4 bar to 10 bar
Max static pressure limit	12 bar
3/2 NC valve	Max external leakage (2 ml/min free air)
Component life	Full strokes (open-close) 15-million

Electric characteristics

Voltage	24 VDC (19.2–31.2 volts)
Power consumption	Max 1.5 watts
Connection time	100% ED

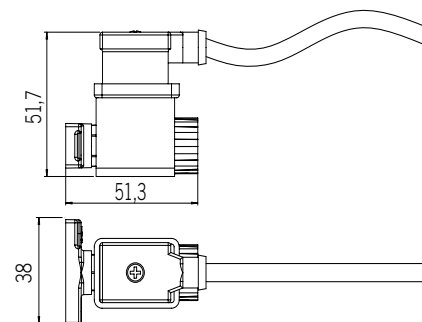
Material

Housing	Brass
Magnetic pipe	Brass
Magnetic plunger	Stainless steel
Sealings	Viton
Spool	In fiberglass reinforced Nylon

Environmental factors

Temperature range	-35°C to +95°C
Humidity	100% relative moisture
Magnetic plunger	Stainless steel
Dust/water resistance	IP67







Dimensions



General

Air channel diameter	Ø 0.5 mm
Protection class	IP 67 with electric contact
Insulation class	F

Products

Description	Part no.
Solenoid valve with coil	
Solenoid valve & coil	
	18252
Accessories	
Coil MCC 24VDC 1.5W	
	17949
Cable contact 24V 1 m cable	
	11899
Cable contact PG9 24V without cable	
	6963 1160 909
Cable contact LED/VDR without cable	
	14581
Hat-nut for solenoid valve Hat-nut (center hole) for solenoid valve	
	11898 14293
	11898 14293

Installation

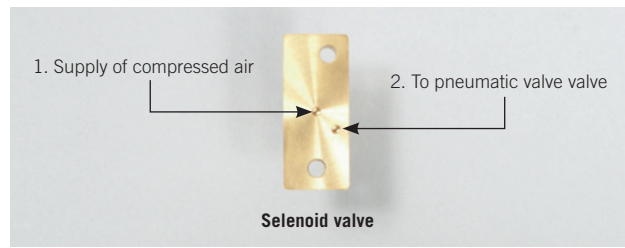
- This instruction is applicable for MCC solenoid valve.
- Remove all packaging and check that the goods supplied are not damaged.
- Check that the articles supplied correspond with those specified on the delivery note.



Read through the documentation attached to the product before starting installation work. Operation and performance are only guaranteed on the condition that the instructions contained in this document are observed.

Connection of air supply

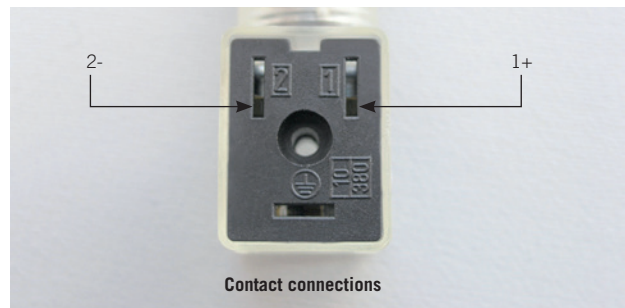
Connection to cable contact with LED



Connection of 24V

Connection to cable contact with LED

Polarity	Position on cable contact
24VDC (+)	1
24VDC (-)	2



It is important that you attach with the correct polarity when you connect with LED (14581). When connecting contact without LED, the polarity is not important

NOTE! If there is a connection for earth, this must be left disconnected.