Single Solenoid Valve

Spring Return and Manual Override

Type

MCH-3-1/8

MOCH-3-1/8





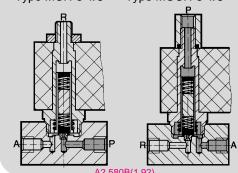
When the solenoid is energized, the valve shifts and remains shifted until the solenoid is deenergized.

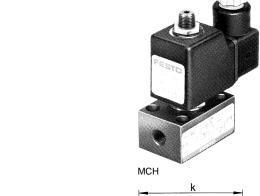
Accessories:

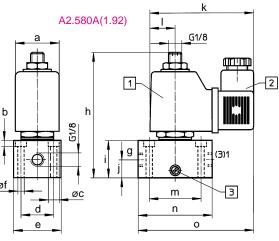
Solenoids, see pages 732-733. Sockets, Types MSSD-C, KMC-..., see pages 734-735. LED inserts, Types MC-..., MCL-..., see pages 738-739.

Example:

Type MCH-3-1/8 Type MOCH-3-1/8







Connection designations for Types MOC and MOCH in parentheses

- 1 (P) = Supply (or Vacuum)
- 2(A) = Outlet
- 3 (R) = Exhaust





- 1 Solenoid coil can be
- 2 Plug can be turned 90°
- 3 Manual override

Dimensions

- a 1.16 in / 29.5 mm
- b 0.17 in / 4.2 mm
- c 0.29 in / 7.4 mm
- 0.87 in / 22 mm
- 1 26 in / 32 mm
- 0.17 in / 4.3 mm
- g 0.07 in / 2 mm
- 3.31 in / 84 mm
- 0.98 in / 25 mm
- 0.47 in / 12 mm
- 2.76 in / 70 mm
- I 0.67 in / 17 mm
- m 1.38 in / 35 mm n 1.97 in / 50 mm
- o 3.07 in / 78 mm
- Order Number 2199 MCH-3-1/8 2211 MOCH-3-1/8 Part No./Type Medium Compressed air (filtered, lubricated or unlubricated) can be used for vacuum * Mounting Holes through housing Connection G 1/8 ISO Orifice Size 0.09 in / 2.5 mm C_V Factor (P \rightarrow A) 0.16 C_V / 160 I/min Pressure Range 0-105 psi / 0-7 bar Response Time at 90 psi / 6 bar On: 12 ms Off: 13 ms 23 to 104°F / -5 to +°40C **Ambient Temperature** Medium Temperature 14 to 140°F / -10 to +60°C Design Seat valve, directly actuated, with spring return Materials Housings: Al, blue anodized. Seals: Buna N 0.750 lb / 0.340 kg Weight 12, 24V Direct Current: Standard Voltage Available Voltage 12 to 220V For solenoids, see pages 732-733. Alternating Current: Standard Voltage 24, 42, 110, 220V/50 Hz Available Voltage 24-380V/50 or 60 Hz DC: 12 W. AC: inrush 30 VA, holding 22 VA **Power Consumption ED Switching Time** 100% Type of Protection IP 65 (DIN 40050)

^{*} Type MCH-3-1/8 (model SA 3998) can be used for vacuum operation (vacuum connection at P)

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