

Data sheet

LANDEFELD

[Home](#) > [Festo Pneumatic](#) > [Valves](#) > [Electrically and pneumatically actuated directional](#) > [Directional control valves](#)
 > [Tiger Classic valves](#) > [OT-FESTO010589](#)

MFH-5-1/4 (6211) solenoid valve

Item number:

OT-FESTO010589



Example illustration

Properties

| | |
|------------------------------------|----------------------|
| Valve function | 5/2 monostable |
| Actuation type | Electrical |
| Build.width [mm] | 30,5 |
| Normal nominal flow [l/min] | 1.000 |
| Operating pressure [bar] | 2.2 to 8 |
| Construction set up | Plate seat |
| Reset mode | Mechanical spring |
| Nominal width [mm] | 7 |
| Exhaust function | Can be throttled |
| Sealing principle | Soft |
| installation position | arbitrary |
| Control type | pilot operated |
| Flow direction | Not reversible |
| Überdeckung | negative Überdeckung |

| | |
|---|---|
| Shifting time off [ms] | 29 |
| Shifting time on [ms] | 9 |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Information about operating and control medium | Oiled operation possible (required in further operations) |
| Corrosion resistant class KBK | 1 - low corrosion stress |
| Bearing temperature [°C] | -20 to 60 |
| Medium temperature [°C] | -10 to 60 |
| ambient temperature [°C] | -5 to 40 |
| Product weight [g] | 290 |
| Electrical connection | Via f-coil, order separately |
| Fastening type | With throughway bores, Selectively; on terminal strip |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Pneumatic connection 3 | G1/4 |
| Material information | RoHs compliant |
| Seals material | NBR |
| Housing material | Aluminium die casting |
| Pitch dimension [mm] | 32 |
| Hand assist actuation | Ratcheting |
| b-value | 0.19 |
| Pneumatic connection 4 | G1/4 |
| Pneumatic connection 5 | G1/4 |
| Permission | c UL us - Recognized (OL) |
| Protection category | IP65 |
| C-value [l/sbar] | 4,49 |

| | |
|--|-------------------------------------|
| Max. positive test impulse at 0 signal [μs] | 2.200 |
| Max. negative test impulse for 1 signal [μs] | 3.700 |
| Coil characteristic value | See solenoid coil, order separately |
| Exhaust control connection 84 | M5 |

Further information:

| | |
|----------------------------|---------------|
| Weight | 290 g / pcs |
| GTIN | 4052568001131 |
| Customs duty number | 84812090 |
| Manufacturer | Festo |

More information on this item and the process for ordering it can be found in our online shop
<https://www.landefeld.com> under item number **OT-FESTO010589**.

Landefeld Druckluft und Hydraulik GmbH · Konrad-Zuse-Straße 1 · 34123 Kassel · Germany

All data are to be understood as non-binding reference values! We do not assume liability for any data selection not confirmed in writing. Unless otherwise specified, pressure values refer to liquids from Group II at +20°C.

As of: 19.11.2024