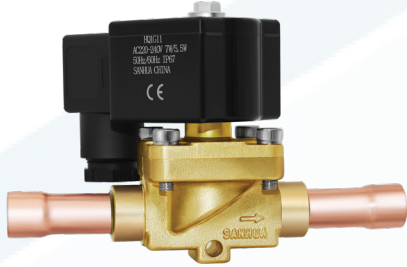


Solenoid Valves



Solenoid Valve – MDF (DC Voltage)

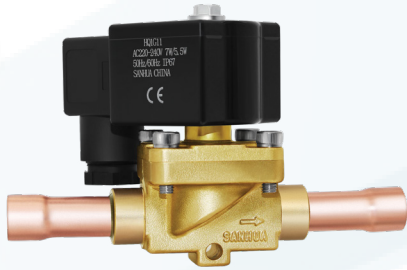
Maximum operation pressure: 45bar
 Flow direction: uni-directional
 IP class: 67
 Normally closed (NC)
 Medium Temperature: -30°C/+105°C (MDF2H...22H)
 Ambient Temperature: -30°C/+55°C
 El. Connection: Coil with DIN-plug
 Certificates: PED Art. 4.3, LVD (VDE)

TECHNICAL PARAMETERS OF SOLENOID VALVES

| Valve Body | Kv | Max. OPD | Min. OPD | Solder Connection metric | | Solder Connection imperial | |
|-------------|---------------------|----------|----------|--------------------------|-------------|----------------------------|-------------|
| | [m ³ /h] | [bar] | [bar] | [mm] | U11 | [Inch] | U11 |
| MDF-A03-2H | 0,16 | 31 | 0 | 6 | 10125028502 | 1/4 | 10125031102 |
| MDF-A03-3H | 0,26 | 31 | 0 | 6 | 10125028602 | 1/4 | 10125031402 |
| MDF-D03-6H | 0,8 | 28 | 0,05 | 10 | 10125028702 | 3/8 | 10125020602 |
| MDF-D03-10H | 1,9 | 28 | 0,05 | 12 | 10125020102 | 1/2 | 10125020702 |
| MDF-D03-15H | 2,3 | 28 | 0,05 | 16 | 10125020802 | 5/8 | 10125020802 |
| MDF-A03-20H | 5 | 31 | 0,02 | 22 | 10125030202 | 7/8 | 10125030202 |
| MDF-A03-22H | 5,9 | 31 | 0,2 | 28 | 10125030802 | 1-1/8 | 10125030902 |

TECHNICAL PARAMETERS OF COIL

| Model | U11 | Type | Power Supply | Power [W] |
|------------------|-------------|------------------------|--------------|-----------|
| MQ-D03012-000002 | 10820001302 | DIN ²⁾ Plug | 12V DC | 15 |
| MQ-D03024-000002 | 10820001002 | DIN ²⁾ Plug | 24V DC | 15 |



Solenoid Valve – MDF (AC Voltage)

Maximum operation pressure: 45bar

Flow direction: uni-directional

IP class: 67

Normally closed (NC)

Medium Temperature: -30°C/+105°C (MDF2H...22H)

Ambient Temperature: -30°C/+55°C

El. Connection: Coil with DIN-plug

Certificates: PED Art. 4.3, LVD (VDE)

TECHNICAL PARAMETERS OF SOLENOID VALVES

| Valve Body | Kv | Max. OPD | Min. OPD | Solder Connection metric | | Solder Connection imperial | |
|------------|---------------------|----------|----------|--------------------------|-------------|----------------------------|-------------|
| | [m ³ /h] | [bar] | [bar] | [mm] | U11 | [Inch] | U11 |
| MDF2 | 0,16 | 31 | 0 | 6 | 10125028502 | 1/4 | 10125031102 |
| MDF3 | 0,26 | 31 | 0,07 | 6 | 10125028602 | 1/4 | 10125031402 |
| MDF6 | 0,8 | 31 | 0,07 | 10 | 10125028702 | 3/8 | 10125020602 |
| MDF10 | 1,9 | 31 | 0,05 | 12 | 10125020102 | 1/2 | 10125020702 |
| MDF15 | 2,6 | 31 | 0,05 | 16 | 10125020802 | 5/8 | 10125020802 |
| MDF16 | 3,3 | 31 | 0,05 | 22 | 10125030202 | 7/8 | 10125030202 |
| MDF20 | 5 | 31 | 0,2 | 28 | 10125030802 | 1-1/8 | 10125030902 |
| MDF22 | 6 | 31 | 0,2 | 35 | 10125030402 | 1-3/8 | 10125030402 |

TECHNICAL PARAMETERS OF COIL

| Model | U11 | Type | Power Supply | Power [W] [50Hz/ 60Hz] |
|--------|-------------|------------------------|--------------|------------------------|
| HQ1G11 | 10780000402 | DIN ²⁾ Plug | 220~240V AC | 7/5.5 |
| HQ1D11 | 10780000602 | | 120V AC | 5-Jun |
| HQ1K11 | 10780000702 | | 24V AC | 5-Jun |