

# TRI-SOLENOID VALVE MS-D

**Elektromagnetventil  
2/2 Wege, N.C.  
direktgesteuert**

**Electromagnetic valve  
2/2 way, N.C.  
directly controlled**



Technische Daten:

Anschluss: 1/8", 1/4", 3/8", 1/2"  
Nennweite: 1,2 - 5,2mm  
Temperaturbereich: siehe Tabelle  
Betriebsdruck: siehe Tabelle  
Max. Druck: 45 bar  
Das Magnetventil benötigt keinen Mindestbetriebsdruck

Körper: Messing OT58 / CW614N  
Ankerführungsrohr: Edelstahl AISI303 / DIN1.4305  
Fester Anker: Edelstahl AISI430Fr / DIN1.4105IL  
Beweglicher Anker: Edelstahl AISI430Fr / DIN1.4105IL  
Phasenverschieberring: Kupfer - Cu 99,9%  
Feder: Edelstahl AISI302 / DIN1.4310  
Dichtung: FPM  
Sitz: Messing OT58 / CW614N

Merkmale:  
Elektro-Konformität: IEC 335  
Schutzart: IP 65 (mit Stecker montiert)

Einsatzbereiche:  
- Maschinen- und Anlagenbau  
- Pneumatik  
- Vakuumtechnik

Optionen:  
- andere Dichtmaterialien (EPDM, NBR, PTFE)  
- Handbetätigung

Auf Anfrage:  
- vernickelt  
- entfettet  
- Druck bis 100 bar (Spulen Series 3600)

Technical Data:

Connection: 1/8", 1/4", 3/8", 1/2"  
Nominal diameter: 1,2 - 5,2mm  
Temperature range: see table  
Working pressure: see table  
Max. pressure: 45 bar  
The Electromagnetic valve does not require a minimum operating pressure

Body: Brass OT58 / CW614N  
Armature tube: Stainless steel AISI303 / DIN1.4305  
Fixed core: Stainless steel AISI430Fr / DIN1.4105IL  
Plunger: Stainless steel AISI430Fr / DIN1.4105IL  
Phase displacement ring: Copper - Cu 99,9%  
Spring: Stainless steel AISI302 / DIN1.4310  
Seal: FPM  
Orifice: Brass OT58 / CW614N

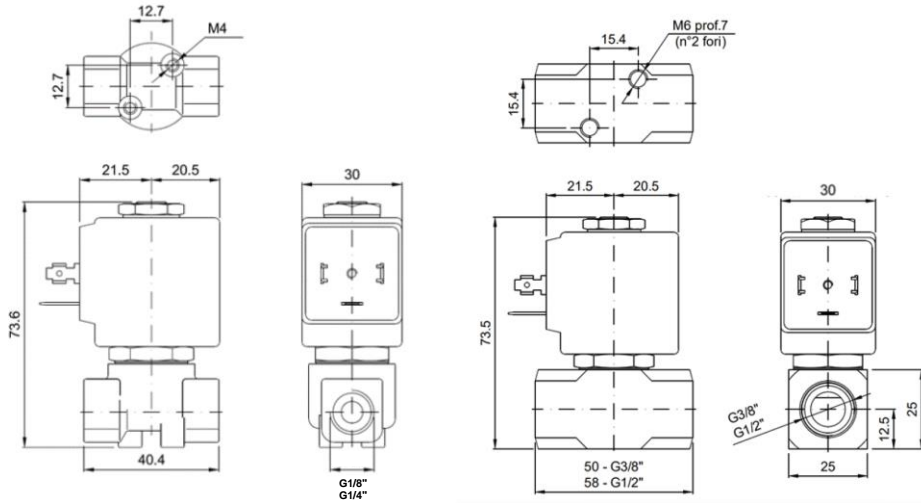
Characteristics:  
Electrical conformity: IEC 335  
Protection degree: IP 65 (assembled with electric plug)

Application:  
- Machine and plant construction  
- Pneumatic  
- Vacuum engineering

Options:  
- other sealing materials (EPDM, NBR, PTFE)  
- Manual override

On request:  
- nickel-plated  
- degreased  
- Pressure up to 100 bar (Coils Series 3600)

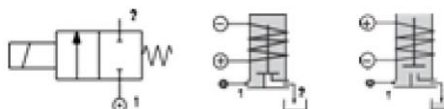
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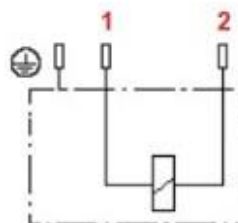
| Ventilkörper / Valve body 2/2 Serie R2AC Normally Close |            |               |                          |                |   |               |     |            |                 |               |  |
|---|------------|---------------|--------------------------|----------------|---|---------------|-----|------------|-----------------|---------------|--|
| Gewinde Connection<br><br>G<br><br>ISO 228              | Code       | Nr. Tri-Matic | Sitz Orifice<br><br>Ø mm | Kv<br><br>m³/h | Differentialdruck<br>Differential pressure<br><br>bar |               |     | Spule Coil |                 | Dichtung Seal | Temperaturbereich<br>Temperature range<br>Fluids |
|   |            |               |                          |                | Min   | Max M.O.P.D.* |     | Series     | Breite Width mm |               |  |
|   |            |               |                          |                |   | AC            | DC  |            |                 |               |  |
| 1/8"  | R2ACCAGV15 | 1724757       | 1.5                      | 0.07           | 0   | 30            | 25  | 3000       | 30              | FPM           | -10°C - +160°C                                   |
|   | R2ACCAGV25 | 1724758       | 2.5                      | 0.15           | 0   | 16            | 15  |            |                 |               |  |
| 1/4"  | R2ACCBGV15 | 1724759       | 1.5                      | 0.07           | 0   | 30            | 25  |            |                 |               |  |
|   | R2ACCBGV25 | 1724760       | 2.5                      | 0.15           | 0   | 16            | 15  |            |                 |               |  |
|   | R2ACCBGV45 | 1724761       | 4.5                      | 0.41           | 0   | 6.5           | 3.5 |            |                 |               |  |
| 3/8"  | R2ACCCGV40 | 1724763       | 4                        | 0.36           | 0   | 8             | 5   |            |                 |               |  |
|   | R2ACCCGV52 | 1724764       | 5.2                      | 0.47           | 0   | 4             | 1.8 |            |                 |               |  |
| 1/2"  | R2ACCDGV45 | 1724765       | 4.5                      | 0.41           | 0   | 6             | 4   |            |                 |               |  |
|   | R2ACCDGV52 | 1724766       | 5.2                      | 0.47           | 0   | 4             | 1.8 |            |                 |               |  |

\* maximum operating pressure differential

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| Spule / Coil                 |       |               |                     |                               |                     |            |   |
|------------------------------|-------|---------------|---------------------|-------------------------------|---------------------|------------|---|
| Serie                        | Code  | Nr. Tri-Matic | Spannung<br>Voltage | Nennleistung<br>Nominal Power |                     |            | Elektrischer Anschluss<br>Electrical connection |
|                              |       |               |                     | AC<br>VA<br>Inrush            | AC<br>VA<br>Holding | DC<br>Watt |   |
| Series 3000<br>Width<br>30mm | R3001 | 1724767       | 24 VDC              | -                             | -                   | 10         | DIN<br>43650A                                   |
|                              | R300B | 1724768       | 24 VAC              | 20                            | 15                  | -          |   |
|                              | R300E | 1724769       | 230 VAC             | 20                            | 15                  | -          |   |
|                              | R3601 | 1724770       | 24 VDC              | -                             | -                   | 24         |   |



| Stecker / Connector                |   |         |
|------------------------------------|---|---------|
| Stecker schwarz<br>Connector black | Kabelverschraubung PG11<br>Cable gland PG11 | 1701274 |

Bitte fragen Sie unsere aktuellen Preise an!

Do not hesitate to contact us for current prices!