



Explosion Proof Solenoid Valves

Explosion Proof Solenoid Valves

T-Ex GM Series;

T-ExGM Series: 1/8"...2" sizes, pilot operated valves min.0,5 bar differential pressure. Direct acting solenoid valves min. 0 bar max.16 bar. N.C

T-ExGZ Series: 1/8"...1" sizes, pilot operated valves min.0 bar differential pressure. N.C and N.O

T-ExGL Series:3/8"...2" sizes, pilot operated valves min.0,5 bar differential pressure. Direct acting solenoid valves min. 0 bar max.16 bar. N.C

T-ExGLN Serisi:3/8"...2" sizes, pilot operated valves min.0,5 bar differential pressure. Direct acting solenoid valves min. 0 bar max.16 bar.N.C

T-SB1 TORK Coils protection class is E Exe.II. T4/T5 class.

T-SB2 TORK Coils protection class is E E.md.II. T4 ATEX certificates
voltage reanges: 230/ 220V, 110V, 24V,12V .



T-ExMI Series (5w) Coil Explosion Proof Solenoid Valve, Low Power

T-ExMI Series (5w) Coil Explosion Proof Solenoid Valve, Low Power



Product code : T-ExMI

Brand : TORC

T-ExMI Series (5w) Coil Explosion Proof Solenoid Valve, Low Power

EEx m d II T4 protection class ATEX certificates.

[TORC, Exproof Solenoid Valves, Direct Acting and Pilot Operated \(1/8"-.1"\)](#)

[T-Ex.MI Series](#) normally closed position, ATEX

Application : air, water, gas

Coil Voltage : 230, 220V, 110V, 24V, 12V AC, 24V, 12V DC
specify coil voltage with order

Protection Class : IP 65 with plug

Seal : NBR, on request: VITON, TEFLON, EPDM

Way : 2/2 way, [Normally closed](#)

Tube, Internal Parts : stainless steel

| Size | Product Type | Orifice | Kv | Pressure(bar) | Temp. (°C) | Body | Seal | Net Weight |
|------|---------------|---------|----------|---------------|-------------|-------|-------|------------|
| G | T-ExMI Series | (mm) | (lt/min) | Min Max | Min Max | Brass | --- | (kg) |
| 1/8" | T-ExMI 100 | 1,8 | 1,6 | 0.....16 | -10.....160 | MS58 | VITON | 0,33 |
| 1/4" | T-ExMI 101 | 1,8 | 1,6 | 0.....16 | -10.....160 | MS58 | VITON | 0,32 |



T-ExGM Exproof Solenoid Valves N.C & N.O.

T-ExGM Exproof Solenoid Valves N.C & N.O.



Product code : T-ExGM.101.....108

Brand : TORK

T-ExGM Exproof Solenoid Valves N.C & N.O.

EE x e II T4 / T5 Exproof Certificate

[TORK Exproof Direct Acting and Pilot Operated Solenoid Valves](#)

| | | |
|-----------------------|---|--|
| T-Ex.GM Series | : | normally closed |
| Application | : | air, water, gas |
| Coil Voltage | : | 230, 220V, 110V, 24V, 12V AC, 24V, 12V DC |
| Protection Class | : | IP 65 with plug |
| Seal | : | NBR, on request: VITON, TEFLON, EPDM |
| Way | : | 2/2 way, Normally Closed / Normally Open |
| Tube, Internal Parts | : | stainless steel |

| Size | Product Type | Orifice (mm) | Kv (lt/min) | Pressure(bar) Min Max | Temp. (°C) Min Max | Body | Seal | Net Weight (kg) |
|------|-----------------------------|-----------------|----------------|--------------------------|-----------------------|-------|------|--------------------|
| G | T-Ex.GM Series (N.C) | (mm) | (lt/min) | Min Max | Min Max | Brass | --- | (kg) |
| 1/8" | T-ExGM.100 | 1,8 | 1,6 | 0.....16 | -10.....80 | MS58 | NBR | 0,58 |
| 1/8" | T-ExGM.100.2,5 | 2,5 | 3,2 | 0.....12 | -10.....80 | MS58 | NBR | 0,58 |
| 1/8" | T-ExGM.100.3 | 3 | 4,6 | 0.....10 | -10.....80 | MS58 | NBR | 0,58 |
| 1/8" | T-ExGM.100.4 | 4 | 6,4 | 0.....9 | -10.....80 | MS58 | NBR | 0,58 |

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|--------|----------------|------|------|------------|------------|------|-----|------|
| 1/8" | T-ExGM.100.5 | 5 | 9,2 | 0.....7 | -10.....80 | MS58 | NBR | 0,58 |
| 1/8" | T-ExGM.100.6 | 6 | 11 | 0.....5 | -10.....80 | MS58 | NBR | 0,58 |
| 1/4" | T-ExGM.101 | 1,8 | 1,6 | 0.....16 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.2,5 | 2,5 | 3,2 | 0.....12 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.3 | 3 | 4,6 | 0.....10 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.4 | 4 | 6,4 | 0.....9 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.5 | 5 | 9,2 | 0.....7 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.6 | 6 | 11 | 0.....5 | -10.....80 | MS58 | NBR | 0,57 |
| 1/4" | T-ExGM.101.7 | 7 | 12,4 | -- | -10.....80 | MS58 | NBR | 0,57 |
| 3/8" | T-ExGM.102 | 12,5 | 48 | 0,5.....16 | -10.....80 | MS58 | NBR | 0,90 |
| 1/2" | T-ExGM.103 | 14,5 | 70 | 0,5.....16 | -10.....80 | MS58 | NBR | 0,93 |
| 3/4" | T-ExGM.104 | 17 | 85 | 0,5.....16 | -10.....80 | MS58 | NBR | 1,02 |
| 1" | T-ExGM.105 | 17 | 90 | 0,5.....16 | -10.....80 | MS58 | NBR | 1,2 |
| 1 1/4" | T-ExGM.106 | 46 | 390 | 0,5.....12 | -10.....80 | MS58 | NBR | 2,87 |
| 1 1/2" | T-ExGM.107 | 46 | 460 | 0,5.....12 | -10.....80 | MS58 | NBR | 2,77 |
| 2" | T-ExGM.108 | 46 | 580 | 0,5.....12 | -10.....80 | MS58 | NBR | 3,2 |

| Size | Product Type (N.O) | Orifice | Kv | Pressure(bar) | | Temp. (°C) | | Body | Seal |
|------|--------------------|---------|----------|---------------|-----|------------|-----|-------|------|
| G | T-Ex.GM.N Series | (mm) | (lt/min) | Min | Max | Min | Max | Brass | --- |
| 1/8" | T-ExGM.N100 | 1,8 | 1,6 | 0.....12 | | -10.....80 | | MS58 | NBR |
| 1/8" | T-ExGM.N100.2,5 | 2,5 | 3,2 | 0.....10 | | -10.....80 | | MS58 | NBR |
| 1/8" | T-ExGM.N100.3 | 3 | 4,6 | 0.....5 | | -10.....80 | | MS58 | NBR |
| 1/4" | T-ExGM.N101 | 1,8 | 1,6 | 0.....12 | | -10.....80 | | MS58 | NBR |
| 1/4" | T-ExGM.N101.2,5 | 2,5 | 3,2 | 0.....10 | | -10.....80 | | MS58 | NBR |

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|--------|---------------|------|-----|------------|------------|------|-----|
| 1/4" | T-ExGM.N101.3 | 3 | 4,6 | 0.....5 | -10.....80 | MS58 | NBR |
| 3/8" | T-ExGM.N102 | 12,5 | 48 | 0,5.....12 | -10.....80 | MS58 | NBR |
| 1/2" | T-ExGM.N103 | 14,5 | 70 | 0,5.....12 | -10.....80 | MS58 | NBR |
| 3/4" | T-ExGM.N104 | 17 | 85 | 0,5.....12 | -10.....80 | MS58 | NBR |
| 1" | T-ExGM.N105 | 17 | 90 | 0,5.....12 | -10.....80 | MS58 | NBR |
| 1 1/4" | T-ExGM.N106 | 46 | 390 | 0,5.....10 | -10.....80 | MS58 | NBR |
| 1 1/2" | T-ExGM.N107 | 46 | 460 | 0,5.....10 | -10.....80 | MS58 | NBR |
| 2" | T-ExGM.N108 | 46 | 580 | 0,5.....10 | -10.....80 | MS58 | NBR |



T-ExGZ Exproof Solenoid Valves, Zero Pressure, N.C and N.O

T-ExGZ Exproof Solenoid Valves, Zero Pressure, N.C and N.O



Product code : T-ExGZ 102...105

Brand : TORK

T-ExGZ Exproof Solenoid Valves, Zero Pressure, N.C and N.O

EE x e II T4 / T5 Protection Class

[TORK, Exproof Direct Acting and Pilot Operated Solenoid Valves, \(Zero Differential Pressure\)](#)

[T-Ex.GZ Series](#) normally closed and normally open

| | | |
|----------------------|---|--|
| Application | : | air, water, gas |
| Coil Voltage | : | 230, 220V, 110V, 24V, 12V AC, 24V, 12V DC |
| Protection Class | : | IP 65 with plug |
| Seal | : | NBR, (on request: VITON,TEFLON, EPDM) |
| Way | : | 2/2 way, Normally closed / normally open |
| Tube, Internal Parts | : | stainless steel |

| Size | Product Type (N.C) | Orifice | Kv | Pressure | Temp. | Body | Seal | Net Weight |
|------|--------------------|---------|----------|----------|------------|-------|------|------------|
| G | T-Ex.GZ Series | (mm) | (lt/min) | Min Max | Min Max | Brass | --- | (kg) |
| 3/8" | T-ExGZ.102 | 12,5 | 38 | 0.....16 | -10.....80 | MS58 | NBR | 0,91 |
| 1/2" | T-ExGZ.103 | 14,5 | 62 | 0.....16 | -10.....80 | MS58 | NBR | 0,94 |
| 3/4" | T-ExGZ.104 | 17 | 85 | 0.....16 | -10.....80 | MS58 | NBR | 1,02 |



1" T-ExGZ.105 17 100 0.....16 -10.....80 MS58 NBR 1,2

| Size | Product Type (N.O) | Orifice | Kv | Pressure | Temp. | Body | Seal | Net Weight |
|------|--------------------|---------|----------|----------|------------|-------|------|------------|
| G | T-Ex.GZN Series | (mm) | (lt/min) | Min Max | Min Max | Brass | --- | (kg) |
| 3/8" | T-ExGZN.102 | 12,5 | 38 | 0.....12 | -10.....80 | MS58 | NBR | 0,92 |
| 1/2" | T-ExGZN.103 | 14,5 | 62 | 0.....12 | -10.....80 | MS58 | NBR | 0,95 |
| 3/4" | T-ExGZN.104 | 17 | 85 | 0.....12 | -10.....80 | MS58 | NBR | 1,03 |
| 1" | T-ExGZN.105 | 17 | 100 | 0.....12 | -10.....80 | MS58 | NBR | 1,21 |



T-ExGL Full Orifice Exproof Solenoid Valves, N.C and N.O

T-ExGL Full Orifice Exproof Solenoid Valves, N.C and N.O



Product code : T-ExGL103...107

Brand : TORK

T-ExGL Full Orifice Exproof Solenoid Valves, N.C and N.O

EE x e II T4 / T5 Class

[TORK, Explosion Proof, Solenoid Valves Direct Acting and Pilot Operated](#)

[T-Ex.GL Series](#) [Normally Closed](#)

Application : air, water, gas

Coil Voltage : 230, 220V, 110V, 24V, 12V AC, 24V, 12V DC
specify coil voltage with order

Protection Class : IP 65 with plug

Seal : NBR, on request: VITON, TEFLON, EPDM

Way : 2/2 way, [Normally closed / Normally Open](#)

Tube, Internal Parts : Stainless Steel

| Size | Product Type (N.C) | Orifice (mm) | Kv (lt/min) | Pressure(bar) | | Temp. (°C) | | Body | Seal | Net Weight (kg) |
|------|--------------------|-----------------|----------------|---------------|------------|------------|-----|------|------|--------------------|
| | | | | Min | Max | Min | Max | | | |
| 3/8" | T-ExGL.102 | 12,5 | 45 | 0,35.....16 | -10.....80 | MS58 | NBR | 0,90 | | |
| 1/2" | T-ExGL.103 | 12,5 | 65 | 0,35.....16 | -10.....80 | MS58 | NBR | 0,86 | | |
| 3/4" | T-ExGL.104 | 20 | 120 | 0,5.....16 | -10.....80 | MS58 | NBR | 0,88 | | |
| 1" | T-ExGL.105 | 25 | 170 | 0,5.....16 | -10.....80 | MS58 | NBR | 1,02 | | |

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|-------------|---------------------------|----------------|-----------------|----------------------|-------------------|--------------|-------------|-------------------|
| 11/4" | T-ExGL.106 | 46 | 390 | 0,5.....12 | -10.....80 | MS58 | NBR | 2,87 |
| 1/2" | T-ExGL.107 | 46 | 460 | 0,5.....12 | -10.....80 | MS58 | NBR | 2,77 |
| 2" | T-ExGL.108 | 46 | 580 | 0,5.....12 | -10.....80 | MS58 | NBR | 3,2 |
| 21/2" | T-ExGL.109 | 65 | 1266 | 1.....6 | -10.....80 | MS58 | NBR | 6,2 |
| 3" | T-ExGL.110 | 80 | 2333 | 1.....6 | -10.....80 | MS58 | NBR | 10,4 |
| 21/2" | T-ExGLH.109 | 65 | 1266 | 0,5.....16 | -10.....80 | MS58 | NBR | 6,2 |
| 3" | T-ExGLH.110 | 80 | 2333 | 0,5.....16 | -10.....80 | MS58 | NBR | 10,4 |
| 1" | T-ExGPP.105 | 25 | 300 | 0,5.....10 | -10.....50 | MS58 | NBR | 1,15 |
| 11/2" | T-ExGPP.107 | 40 | 433 | 0,5.....10 | -10.....50 | MS58 | NBR | 1,35 |
| 2" | T-ExGPP.108 | 50 | 1066 | 0,5.....10 | -10.....50 | MS58 | NBR | 2,3 |
| 21/2" | T-ExGPP.109 | 65 | 1150 | 0,5.....10 | -10.....50 | MS58 | NBR | 2,5 |
| 3" | T-ExGPP.110 | 80 | 1733 | 0,5.....10 | -10.....50 | MS58 | NBR | 2,75 |
| Size | Product Type (N.O) | Orifice | Kv | Pressure(bar) | Temp. (°C) | Body | Seal | Net Weight |
| G | T-Ex.GLN Series | (mm) | (lt/min) | Min Max | Min Max | Brass | --- | (kg) |
| 3/8" | T-ExGLN.102 | 12,5 | 45 | 0,35....12 | -10.....80 | MS58 | NBR | 0,91 |
| 1/2" | T-ExGLN.103 | 12,5 | 65 | 0,35....12 | -10.....80 | MS58 | NBR | 0,88 |
| 3/4" | T-ExGLN.104 | 20 | 120 | 0,5.....12 | -10.....80 | MS58 | NBR | 0,89 |
| 1" | T-ExGLN.105 | 25 | 170 | 0,5.....12 | -10.....80 | MS58 | NBR | 1,03 |
| 11/4" | T-ExGLN.106 | 46 | 390 | 0,5.....10 | -10.....80 | MS58 | NBR | 2,88 |
| 11/2" | T-ExGLN.107 | 46 | 460 | 0,5.....10 | -10.....80 | MS58 | NBR | 2,78 |
| 2" | T-ExGLN.108 | 46 | 580 | 0,5.....10 | -10.....80 | MS58 | NBR | 3,21 |