SOLENOID VALVES
Air, water, gas, steam, natural gas, LPG, gasoline, diesel, oil, hydraulic oil, CO₂, N₂, H₂, acid, hygienic fluids
### S1073 / S1040 / S1041 Series (Economic Series) (TORK - GT Series)
- **Application:** Air, water, gas
- **Size:** 1/8", 1/2" BSP (on request NPT)
- **Pressure:** 0 bar...16 bar (litoral), 0.5...16 bar
- **Tube and internal part:** Brass, Stainless Steel
- **Body:** Brass
- **Seal:** NBR, on request VITON
- **Temperature:** -10 °C...80°C
- **Position:** Normally Closed, Normally Open
- **Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class:** IP65, IP68 and Exproof models

### S1010 Series (TORK - GP Series)
- **Application:** Air, water, gas
- **Size:** 1/8"...2" BSP (on request NPT)
- **Pressure:** 0.5bar...16bar, (0...16bar - 1/8"~1/4")
- **Tube and internal part:** Stainless Steel
- **Body:** Brass
- **Seal:** NBR, on request EPDM
- **Temperature:** -10 °C...80°C
- **Position:** Normally Closed
- **Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class:** IP65, IP68 and Exproof models

### S1011 Series (TORK - GN Series), S1012 Series (TORK - GPA Series)
- **Application:** Air, water, gas
- **Size:** 1/8"...2" BSP (on request NPT)
- **Pressure:** 0.5 bar...16 bar
- **Tube and internal part:** Stainless Steel
- **Body:** Brass
- **Seal:** NBR, on request EPDM
- **Temperature:** -10 °C...80°C
- **Position:** Normally Open
- **Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class:** IP65, IP68 and Exproof models

### S1050 Series (TORK - GD Series)
- **Application:** Air, water, gas
- **Size:** 3/8"...1" BSP (on request NPT)
- **Pressure:** 0 bar...6 bar (orifice)
- **Tube and internal part:** Stainless Steel
- **Body:** Brass
- **Seal:** NBR, on request VITON
- **Temperature:** -10 °C...80°C
- **Position:** Normally Closed (on request Normally Open)
- **Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class:** IP65, IP68 and Exproof models

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SOLENOID VALVES / General Purpose Series

**S9510 Series**

**Application:** Industrial Furnaces, Heating Equipment, Burners, Petroleum & Gas, Industries, Medical Equipment, Industrial Machines, Irrigation

**Pressure:** 0 bar...10 bar

**Fluid:** Air, water, gas, fuel, oil etc.

**Temperature:** -10 °C...80°C

**Diaphragm:** NBR

**Position:** Normally Open (2/2 way)

**Pilot Air Pressure:** Pilot pressure must be more than fluid pressure minimum 1 bar.

- It hasn’t electrical equipment because of that it is suitable for using in Exprompt applications.
- On request Viton or EPDM diaphragms are possible.

**TORK air operated, N.O., 2/2 way**

**S1030/S1032/S1033/S1034 Series (TORK - GL / GLH Series)** full orifice general purpose...N.C / N.A

**Application:** Air, water, gas

**Size:** 3/8”...3” BSP (on request NPT)

**Pressure:** 0,35 bar...12 bar / 1,5...16 bar

**Tube and internal part:** Stainless Steel

**Body:** Brass, steel casting or plastic

**Seal:** NBR, on request EPDM

**Temperature:** -10°C...80°C

**Position:** Normally Closed, Normally Open

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110V, 48V, 24V, 12V DC

**Protection Class:** IP65, IP68 and Exproof models

(on request ΔP : 0)

**S1070/S1072/S1080/S1082 Series (TORK - GLFH Series)** full orifice general purpose...N.O (without tube)

**Application:** Air, water, gas

**Size:** DN80...DN200

**Pressure:** 1,5 bar...16 bar

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** NBR, on request EPDM

**Temperature:** -10°C...80°C

**Position:** Normally Closed, Normally Open

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110 V, 48 V, 24 V, 12 V DC

**Protection Class:** IP65, IP68 and Exproof models

**S1020 / S1092 Series (TORK - GZ / GZN / GZL Series)** (ΔP = 0 bar) zero differential pressure, general purpose...N.C

**Application:** Air, water, gas

**Size:** 3/8”...1” BSP (on request NPT)

**Pressure:** 0bar...16bar (ΔP:0 bar)

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** NBR, on request EPDM

**Temperature:** -10°C...80°C

**Position:** Normally Closed

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110 V, 48 V, 24 V, 12 V DC

**Protection Class:** IP65, IP68 and Exproof models

Inlet Pressure must be min 0,15 bar
S9112 / S9183 Series (TORK - PSV Series) high pressure, piston type, general purpose...N.O. / N.C.

- Application: Air, water, gas
- Size: 3/8"...1" BSP (on request NPT)
- Pressure: 2 bar...70 bar N.C. / 2...65 bar N.O.
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: NBR + PTFE, on request EPDM
- Temperature: -10 °C...80 °C
- Position: Normally Closed, Normally Open
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S1013 / S1014 Series (TORK - GH Series) (40 bar) High pressure general purpose...N.C / N.O.

- Application: Air, water, gas
- Size: 1/8"....1" BSP (on request NPT)
- Pressure: 0.5 bar...40 bar (1/8", 1/4"...100 bar)
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: PTFE + Viton
- Temperature: -10 °C...80 °C
- Position: Normally Closed
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S1070 / S1071 Series (TORK - GH1/ GH1H Series) (40 bar) High pressure general purpose...N.C / N.O.

- Application: Air, water, gas
- Size: 3/8".....1" BSP (on request NPT)
- Pressure: 0.5 bar...40 bar
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: PTFE + Viton
- Temperature: -10 °C...80 °C
- Position: Normally Open
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S1060 Series (Energy possession series) (TORK - MI Series) 5 watt coil, general purpose...N.C

- Application: Air, water, gas
- Size: 1/8"....1" BSP (on request NPT)
- Pressure: 0.3 bar...12 bar (1/2" ... 1")
  0 bar...12 bar (1/8" and 1/4")
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: NBR, on request EPDM
- Temperature: -10 °C...80 °C
- Position: Normally Closed (on request air N.O)
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models
SOLENOID VALVES / General Purpose Series

S1074 / S1075 / S1077 / S1078 Series (TORK-GSL / GSLA / GHL / GHLa Series)

- **Application**: Air, water, gas
- **Size**: 1/8"……1/4" BSP (on request NPT)
- **Pressure**: 0,5bar…16bar/40bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: NBR, on request EPDM
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed / Normally Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC, 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models
- **S1075 and S1078**: Normally Open Series

S1074: N.C 16 bar
S1075: N.O 12 bar
S1077: N.C 40 bar
S1078: N.O 40 bar

S8210 / S8280 / S8275 Series (TORK - GF / GFN / GFE.3W Series)

- **Group plate mounting general purpose…N.C 2/2 and 3/2 way**

- **Application**: Air, water, gas
- **Size**: 1/8"……1/4" BSP (on request NPT)
- **Pressure**: 0 bar…16 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: NBR, on request EPDM
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed / Normally Open
- **Coil Voltage**: 110 V, 230 V, 48 V, 24 V, 12 V AC, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

S1085 / S6083 Series (TORK-GR.3W / GRS Series)

- **2/2 way, 3/2 way Plate mounting, general purpose…N.C**

- **Application**: Air, water, gas
- **Size**: 1/8"……1/4" BSP (on request NPT)
- **Pressure**: 0 bar…10 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass, Stainless Steel
- **Seal**: NBR, on request EPDM
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed / Normally Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC, 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

*S1083: 2/2 way plate mounting, on request manual control*

S1015 / S1017 Series (TORK - G.3W / GT.3W Series)

- **Three way general purpose…N.C/N.O 3/2 way**

- **Application**: Air, water, gas
- **Size**: 1/8"……1/4" BSP (on request NPT)
- **Pressure**: 0 bar…12 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: NBR, on request EPDM
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed / Normally Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC, 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

*S1017: inlet from the top 3/2 way*
### SOLENOID VALVES / General Purpose Series

#### S1018 Series (TORK - GY.3W Series)
Three way general purpose...N.C and N.O, 3/2 way New Type

<table>
<thead>
<tr>
<th>Application</th>
<th>Air, water, gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>1/8&quot;……1/4&quot; BSP (on request NPT)</td>
</tr>
<tr>
<td>Pressure</td>
<td>0 bar…16 bar (on request 2.5 mm, 3.5 mm orifice)</td>
</tr>
<tr>
<td>Tube and internal part</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>Seal</td>
<td>NBR, on request EPDM</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10 °C…80 °C</td>
</tr>
<tr>
<td>Position</td>
<td>Normally Closed</td>
</tr>
<tr>
<td>Coil Voltage</td>
<td>230 V, 110 V, 48 V, 24 V, 12 V AC</td>
</tr>
<tr>
<td></td>
<td>110 V, 48 V, 24 V, 12 V DC</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP65, IP68 and Exproof models</td>
</tr>
</tbody>
</table>

#### S8790 Series (TORK-GMW Series)
Hose connection, general purpose...N.C

<table>
<thead>
<tr>
<th>Application</th>
<th>Water, air, gas, LPG, diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>1/8&quot;, 1/4&quot; BSP (on request NPT)</td>
</tr>
<tr>
<td>Pressure</td>
<td>0 … 7bar (5mm orifice)</td>
</tr>
<tr>
<td>Tube and internal part</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>Seal</td>
<td>NBR, on request VITON</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10 °C…80 °C</td>
</tr>
<tr>
<td>Position</td>
<td>Normally Closed</td>
</tr>
<tr>
<td>Coil Voltage</td>
<td>230 V, 110 V, 48 V, 24 V, 12 V AC</td>
</tr>
<tr>
<td></td>
<td>110 V, 48 V, 24 V, 12 V DC</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP65, IP68 and Exproof models</td>
</tr>
</tbody>
</table>

#### S7010 / S7020 / S7030 / S7031 Series (TORK-ExGM / ExGZ / ExGL / ExGLN Series)
ATEX, Ex-proof general purpose...N.C / NA

<table>
<thead>
<tr>
<th>Application</th>
<th>Air, water, gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>1/8&quot;……2&quot; BSP (on request NPT)</td>
</tr>
<tr>
<td>Pressure</td>
<td>0,5bar…16bar, (TORK-Ex GZ: 0 … 16 bar)</td>
</tr>
<tr>
<td>Tube and internal part</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>Seal</td>
<td>NBR, on request EPDM</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10 °C…80 °C</td>
</tr>
<tr>
<td>Position</td>
<td>Normally Closed, Normally Open</td>
</tr>
<tr>
<td>Coil Voltage</td>
<td>230 V, 110 V, 48 V, 24 V, 12 V AC</td>
</tr>
<tr>
<td></td>
<td>110 V, 48 V, 24 V, 12 V DC</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP65, IP68 and Exproof models</td>
</tr>
</tbody>
</table>

#### S7360 Series (TORK-ExMI Series) (Energy possession type ATEX)
Ex-proof general purpose...N.C

<table>
<thead>
<tr>
<th>Application</th>
<th>Air, water, gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>1/8” … 1” BSP (on request NPT)</td>
</tr>
<tr>
<td>Pressure</td>
<td>0,3bar…12bar</td>
</tr>
<tr>
<td>Tube and internal part</td>
<td>Brass, Stainless Steel</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>Seal</td>
<td>NBR, on request EPDM</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10 °C…80 °C</td>
</tr>
<tr>
<td>Position</td>
<td>Normally Closed (on request N.O open for air)</td>
</tr>
<tr>
<td>Coil Voltage</td>
<td>230 V, 110 V, 24 V, 12 V AC</td>
</tr>
<tr>
<td></td>
<td>24 V, 12 V DC (5.5 watt)</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP65, IP68 and Exproof models</td>
</tr>
</tbody>
</table>

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**Website:** www.smstork.com  
**Export:** export@sms-tork.com  
**Phone:** +90 (216) 364 34 05
**S2073 / S2040 / S2041 Series (TORK-BT Series)**

- **Application**: Steam, hot water
- **Size**: 1/8"......1" BSP (on request NPT)
- **Pressure**: 0 bar...5 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON, EPDM
- **Temperature**: -10 °C...160 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models
- **S2041**: Normally Open Series

**Steam solenoid valves...N.C**

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**S2010 Series (TORK-B Series)**

- **Application**: Steam, hot water
- **Size**: 1/4"......2" BSP (on request NPT)
- **Pressure**: 0.5bar...5bar (1/8", 1/4": 0...5bar)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: PTFE, VITON, EPDM
- **Temperature**: -10 °C....160 °C (1 1/4" ...2", 140°C)
- **Position**: Normalde Kapalı
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**Steam solenoid valves...N.C**

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**S2012 Series (TORK-BA Series)**

- **Application**: Steam, hot water
- **Size**: 3/8"......2" BSP (on request NPT)
- **Pressure**: 0.5bar...5bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: PTFE, FKM, EPDM
- **Temperature**: -10 °C...160 °C, (1 1/4" ... 2", 140°C)
- **Position**: Normalde Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**Steam solenoid valves...N.O (with tube)**

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**S2011 Series (TORK-BN Series)**

- **Application**: Steam, hot water
- **Size**: 1/8"......2" BSP (on request NPT)
- **Pressure**: 0.5bar...5bar (1/8", 1/4": 0...5bar)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: PTFE, FKM, EPDM
- **Temperature**: -10 °C...160 °C
- **Position**: Normalde Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**Steam solenoid valves...N.O (inlet type)**
**S2020 Series (TORK-BZ Series)**

App. : Steam, hot water  
Size : 3/8” .... 1” BSP (on request NPT)  
Pressure : 0 bar... 5 bar  
Tube and internal part : Stainless Steel  
Body : Brass  
Seal : PTFE  
Temperature : -10 °C .... 160 °C  
Position : Normally Closed  
Coil Voltage : 230 V, 110 V, 48 V, 24 V, 12 V AC  
110 V, 48 V, 24 V, 12 V DC  
Protection Class : IP65, IP68 and Exproof models

**S2021 Series (TORK-BZN Series)**

App. : Steam, hot water  
Size : 3/8” .... 1” BSP (on request NPT)  
Pressure : 0 bar... 5 bar  
Tube and internal part : Stainless Steel  
Body : Brass  
Seal : PTFE, VITON, EPDM  
Temperature : -10 °C .... 160 °C  
Position : Normally Open  
Coil Voltage : 230 V, 110 V, 48 V, 24 V, 12 V AC  
110 V, 48 V, 24 V, 12 V DC  
Protection Class : IP65, IP68 and Exproof models

**S2090 Series (TORK-BR Series)**

App. : Steam, hot water  
Size : 1/8” .... 1/4” BSP (on request NPT)  
Pressure : 0 bar... 5 bar  
Tube and internal part : Stainless Steel  
Body : Brass  
Seal : VITON  
Temperature : -10 °C .... 160 °C  
Position : Normally Closed  
Coil Voltage : 230 V, 110 V, 48 V, 24 V, 12 V AC  
110 V, 48 V, 24 V, 12 V DC  
Protection Class : IP65, IP68 and Exproof models

**S2013 / S2091 Series (TORK-BH / BHD Serisi)**

App. : Steam, hot water  
Size : 3/8” .... 1” BSP (on request NPT)  
Pressure : 0, 5 bar... 6 bar S2013 Series  
0 bar ... 6 bar S2091 Series  
Tube and internal part : Stainless Steel  
Body : Brass  
Seal : PTFE, VITON, EPDM, FKM  
Temperature : -10 °C .... 180 °C  
Position : Normally Closed  
Coil Voltage : 230 V, 110 V, 48 V, 24 V, 12 V AC  
110 V, 48 V, 24 V, 12 V DC  
Protection Class : IP65, IP68 and Exproof models  
* S2013 : Model with diaphragm (3/8” .... 1”)  
* S2091 : Full body 3/8”, 1/2”
S2030 / S2031 Series (TORK-BL / BLN Series)
- Application: Steam, hot water
- Size: 3/8” … 2” BSP (on request NPT)
- Pressure: 0.3 bar … 3 bar
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: EPDM
- Temperature: -10°C … 140°C (1 1/4” … 2”, 140°C)
- Position: Normally Closed, Normally Open
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S3030 / S3033 Series (TORK-VL / VLH Series)
- Application: Steam, hot water
- Size: 3/8” … 1” BSP (on request NPT)
- Pressure: -1 … 9 bar
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: NBR, VITON, EPDM
- Temperature: -10°C … 80°C
- Position: Normally Closed
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S3010 Series (T-V Series)
- Application: Air, water, gas
- Size: 1/8” … 1” BSP (on request NPT)
- Pressure: -1 … 3 bar / -1 … 9 bar
- Tube and internal part: Stainless Steel
- Body: Brass
- Seal: NBR, VITON, EPDM
- Temperature: -10°C … 80°C
- Position: Normally Closed
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  110 V, 48 V, 24 V, 12 V DC
- Protection Class: IP65, IP68 and Exproof models

S8510 / S8511 Series (TORK-PIN / PIN.N Series)
- Application: Air, water, acid, oil, hygienic fluid type, corrosive fluid type
- Size: 1/8”, 6,7,8 mm plastic hose
- Tube and internal part: Stainless Steel
- Body: Aluminium anodized
- Seal: Plastic hose
- Temperature: -10°C … 60°C
- Position: Normally Closed and Normally Open
- Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
  24V, 12V DC
- Protection Class: IP65, IP68 and Exproof models
### S4010 Series (TORK-Y Series)

**Application:** Fuel oil, diesel oil, hydraulic oil, burners

**Size:** 1/8” .... 2” BSP (on request NPT)

**Pressure:** 0,5 bar...16 bar, (1/8”, 1/4”: 30 bar)

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** VITON, RUBY

**Temperature:** -10 °C....160 °C

**Position:** Normally Closed

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110 V, 48 V, 24 V, 12 V DC

**Protection Class:** IP65, IP68 and Exproof models

### S4011 / S4012 Series (TORK-YA Series)

**Application:** Fuel oil, diesel oil, hydraulic oil, burners

**Size:** 1/8” .... 2” BSP (on request NPT)

**Pressure:** 0,5 bar...16 bar (1/8”, 1/4”: 30 bar)

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** VITON, RUBY

**Temperature:** -10 °C....160 °C

**Position:** Normally Open

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110 V, 48 V, 24 V, 12 V DC

**Protection Class:** IP65, IP68 and Exproof models

### S4083 / S4085 Series (TORK-YP/YP3.W Series)

**Application:** Fuel oil, diesel oil, hydraulic oil, burners

**Size:** 1/8” .... Plate mounting

**Pressure:** 0 bar...12 bar, (on request 30 bar)

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** RUBY

**Temperature:** -10 °C....160 °C

**Position:** Normally Closed

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110 V, 48 V, 24 V, 12 V DC

**Protection Class:** IP65, IP68 and Exproof models

* S4085: 3/2 way plate mounting fuel oil valves (0 ... 30 bar)

### S4015 Series (TORK-Y.3W Series)

**Application:** Fuel oil, diesel oil, hydraulic oil, burners

**Size:** 1/8” .... 1/4”

**Pressure:** 0 bar...30 bar

**Tube and internal part:** Stainless Steel

**Body:** Brass

**Seal:** VITON, RUBY

**Temperature:** -10 °C....160 °C

**Position:** Normally Closed

**Coil Voltage:** 230 V, 110 V, 48 V, 24 V, 12 V AC

110V,48,24V,12V DC

**Protection Class:** IP65, IP68 and Exproof models

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SOLENOID VALVES / Fuel Oil Series

S4030 / S4031 Series (TORK-YL / YLN Series)

- **Application**: Fuel oil, diesel oil, hydraulic oil
- **Size**: 3/8”...2” BSP (on request NPT)
- **Pressure**: 0,5 bar...12 bar / 0,3 ... 16 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10 °C...160 °C (1 1/4” ... 2”, 140°C)
- **Position**: Normally Closed (S4031 Series Normally Open)
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models
  
  S4031: Normally Open fuel oil

S4013 / S4014 Series (TORK-YH / YHA Series)

- **Application**: Fuel oil, diesel oil, hydraulic oil
- **Size**: 1/8” ... 1” BSP (on request NPT)
- **Pressure**: 0,5 bar...40 bar and 0 bar ... 100 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10 °C...160 °C
- **Position**: Normally Closed - Normally Open
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110 V, 48 V, 24 V, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models
  
  *S4014: High pressure Normally Open series

PTFE Coated Solenoid Valve & IP68 Coil

PTFE Coated solenoid valve and C42 series IP68 Coils can be used in an environment with high humidity, rain and in places open to external influences such as water, 10 meters under water, in a dusty or acidic environment.

All our range of solenoid valves can be produced as capable of operating under aggressive environment and water.

- **Application**: Air, water, acidicambient, under water application
- **Size**: 1/8” ... 2”
- **Pressure**: 0 bar ... 100 bar (depends on the requested series)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass PTFE coated
- **Seal**: NBR, Viton, EPDM (depends on the requested series)
- **Temperature**: -10 °C...160 °C (depends on the requested series)
- **Position**: Normally Closed or Normally Open
- **Cable Length**: 3 m standard
- **Protection Class**: IP68

S8310 Series (TORK-LAC1 Series)

- **Application**: Air, water, gas
- **Size**: 1/8” ... 1”
- **Pressure**: 0,5 bar...12bar
- **Tube and internal part**: Brass, Stainless Steel
- **Body**: Brass
- **Seal**: NBR
- **Temperature**: -10 °C...60 °C
- **Position**: Normally Closed
- **Coil Voltage**: 3-12V DC

For alternative voltage; converter socket is used

- **Protection Class**: IP68 ve Exproof Models

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### S5010 / S5013 Series (TORK-GK Series)

- **Application**: Air, water, hot and oily air
- **Size**: 1/8"...1" BSP (on request NPT)
- **Pressure**: 0.5bar...16bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10°C...80°C
- **Position**: Normally Closed
- **Coil Voltage**: 230V, 110V, 48V, 24V, 12V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class**: IP65 and Exproof models

**S5010: N.C (0.5 ... 16 bar)**  
**S5013: N.C (0.5 ... 40 bar)**

### S5012 / S5014 Series (TORK-GKA/GK.HA Series)

- **Application**: Air, water, hot and oily air
- **Size**: 3/8"......1" BSP (on request NPT)
- **Pressure**: 0.5bar...10bar (40 bar: GKH.A series)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON, (PTFE+VITON)
- **Temperature**: -10°C...80°C
- **Position**: Normally Open
- **Coil Voltage**: 230V, 110V, 48V, 24V, 12V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S5012: N.O (0.5 ... 16 bar)**  
**S5014: N.O (0.5 ... 40 bar)**

### S5073 / S5074 / S5078 / S5080 Series (TORK-MIP.2W/MIP.3W/GKP/GKP.3W Series)

- **Application**: Air, water, hot and oily air
- **Size**: 1/8"......BSP
- **Pressure**: 0 bar...10 bar (16 bar on request)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10°C...80°C
- **Position**: Normally Closed
- **Coil Voltage**: 230V, 110V, 48V, 24V, 12V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class**: IP65, IP68 and Exproof models

* S5078: 2/2 way, plate mounting

### S5015 / S5018 Series (TORK-GK.3W/GKY.3W Series)

- **Application**: Air, water, hot and oily air
- **Size**: 1/8"...1/4"....BSP
- **Pressure**: 0bar...16bar (40 bar on request)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10°C...80°C
- **Position**: Normally Closed, Normally Open
- **Coil Voltage**: 230V, 110V, 48V, 24V, 12V AC
  - 110V, 48V, 24V, 12V DC
- **Protection Class**: IP65, IP68 and Exproof models
**S8110 / S8180 Series (TORK-GDV/GZ.DV Series)**

- **Application**: Air, water, hot and oily air
- **Size**: 1/8” ... 1” BSP (on request NPT)
- **Pressure**: 0 bar ... 16 bar (1/8”, 1/4”)
- **Tube and internal part**: Stainless Steel
- **Body**: Brass
- **Seal**: VITON
- **Temperature**: -10 °C ... +80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 220/230V, 110V, 48V, 24V, 12V AC
- **Protection Class**: IP65, IP68 and Exproof models
- **Timer**: with C93

**C93 / C94 Series (TORK-Z 720 /Z 790 Series)**

- **Application**: Timer for automatic drain solenoid valves
- **Interval time**: 10 sec ...... 45 min.
- **Discharge time**: 0.5 sec ...... 10 sec.
- **Voltage**: 24V ... 220V, 7 mA
- **Working temperature**: -40 °C ... +60 °C
- **Protection Class**: IP65 with connector
- **Indicator**: LED (on-off)
- **Manuel Test Switch**: Included

**S9193 Series (TORK-SBV Series)**

- **Connection**: 1/2” BSP
- **Body**: Poly-Amid, fibreglass reinforced, fire resistant
- **Working Pressure**: 16bar
- **Voltage supply**: 220 V AC
- **Working Temperature**: 50 °C

Zero air loss electronic level sensing condensate drain which prevents the loss of valuable compressed air during the discharge of the condensate.

State-of-the-art software is incorporated to measure the presence of condensate, 50 times per second.

Top and bottom condensate inlets allow the device to be widely applied.

One model for all applications up to 85m3/min (compressor capacity)

**S9192 Series (TORK-CR Series)**

- **Application**: Cryogenic gases, propane, butane, hydrogen, O₂, H₂, LNG, ethylene, glycol
- **Size**: 1/8” ...... 2”
- **Pressure**: 0,5bar ...16bar, 20bar, 50bar, 500bar
- **Body**: Brass MS88 , Stainless Steel
- **Coil Voltage**: 220V,24V,12V AC DC Exproof
- **Protection Class**: IP65 and Exproof models
- **Tube and internal part**: Stainless Steel
- **Position**: Normally Closed
- **Working Temperature**: -200°C ... 130°C

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**SOLENOID VALVES / Stainless Series**

**S6070 / S6030 Series (TORK - SS / GHLS Series)**

- **Application**: Acid, air, water, hot and oily air, H₂, O₂
- **Size**: 1/8” ... 2” BSP (on request NPT)
- **Pressure**: 0 bar...16 bar (on request 200 bar)
- **Tube and internal part**: Stainless Steel
- **Body**: Stainless Steel
- **Seal**: VITON, TEFLON
- **Temperature**: -10 °C...160 °C
- **Position**: Normally Closed, (on request Normally Open)
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S6010 / S6015 Series (TORK-SK/SK.3W Series)**

- **Application**: Acid, air, water, hot and oily air
- **Size**: 1/8” ... 1/2” BSP (on request NPT)
- **Pressure**: 0 bar...16 bar (on request 50, 100 bar)
- **Tube and internal part**: Stainless Steel
- **Body**: Stainless Steel
- **Seal**: TEFLON
- **Temperature**: -10 °C...160 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S6110 / S6210 Series (TORK-SV.R/SV.H Series)**

- **Application**: Cooling systems, refrigerators,
- **Size**: 1/4”, 3/8”, 1/2”, 5/8”, 7/8” BSP
- **Pressure**: 0 bar...35 bar, 0.5 bar...21 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Brass MS58
- **Temperature**: -30 °C...105 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V, 110 V, 48 V, 24 V, 12 V AC
  - 110V,48V,24V,12V DC
- **Protection Class**: IP65

**S7130, S8090 Series (TORK-GBZ Series)**

- **Application**: Gasoline, diesel (Gasoline, diesel fitting pumps)
- **Size**: 3/4”...1” (S8090 series),
  - 1”...2” (S7130 series)
- **Pressure**: 0,5 bar...10 bar (S8090 series),
  - 0,5 bar...16 bar (S7130 series)
- **Tube and internal part**: Brass
- **Body**: Die cast aluminium (S8090 series),
  - Brass (S7130 series)
- **Seal**: Viton
- **Temperature**: -10 °C...160 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230, 12 V AC
- **Protection Class**: Exproof models E.Ex.e.II.T4/T5

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**PL1010 Series (TORK-P Series)**

- **Application**: Air, jet pulse filters
- **Size**: 3/4”......3” BSP (on request NPT)
- **Pressure**: 0,5 bar.....8bar,
- **Tube and internal part**: Stainless Steel
- **Body**: Die cast aluminium
- **Seal**: NEOPRENE
- **Temperature**: -10 °C....80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V,110 V, 48 V, 24 V,12 V AC 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**PL1020 Series (TORK-PB Series)**

- **Application**: Air, jet pulse filters
- **Size**: 3/4”......3” BSP (on request NPT)
- **Pressure**: 0,5 bar.....8bar,
- **Tube and internal part**: Stainless Steel
- **Body**: Die cast aluminium
- **Seal**: NEOPRENE
- **Temperature**: -10 °C....80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V,110 V, 48 V, 24 V,12 V AC 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**PL1030 / PL1050 Series (TORK-PRD Series)**

- **Application**: Air, jet pulse filters
- **Size**: 3/4”......1” BSP (on request NPT)
- **Pressure**: 0,5 .... 7,5 / 9,5 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Die cast aluminium
- **Seal**: NEOPRENE
- **Temperature**: -10 °C....80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V,110 V, 48 V, 24 V,12 V AC 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

**PL1050 Series (TORK-PRD Series)**

- **Application**: Air, jet pulse filters
- **Size**: 3/4”......1” BSP (on request NPT)
- **Pressure**: 0,5 .... 7,5 / 9,5 bar
- **Tube and internal part**: Stainless Steel
- **Body**: Die cast aluminium
- **Seal**: NEOPRENE
- **Temperature**: -10 °C....80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V,110 V, 48 V, 24 V,12 V AC 110V, 48V, 24V,12V DC
- **Protection Class**: IP65, IP68 and Exproof models

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SOLENOID VALVES / Pulse Series

PL1070 / PL1090 Series (TORK-PF/PFB Series)

Application: Air, jet pulse filters
Size: 3/4" ...... 1" BSP (on request NPT)
Pressure: 0.5 ... 7.5 / 9.5 bar
Tube and internal part: Stainless Steel
Body: Die cast aluminium
Seal: NEOPRENE
Temperature: -10 °C ... 80 °C
Position: Normally Closed
Coil Voltage: 230 V, 110 V, 48 V, 24 V, 12 V AC
110V, 48V, 24V, DC
Protection Class: IP65, IP68 and Exploproof models
* PL1090: Remote control, coupling connection pulse valve

The solenoid enclosure is designed for the remote control of the main pulse valves and is protected by an aluminium die-casted dust and water-proof enclosure.

Type           Output
C96.04          4 output
C96.08          8 output
C96.10          10 output

S9180 / S9181 Series (TORK-VF1 Series)

The VIBRA-FLOW fluidifying device prevents the material from packing down inside the container, thus increasing the effect of gravity and considerably reducing friction between the product and the container wall.
Products such as bentonite, ash, flour, cement, feldspar, soda, kaolin, aluminium, titanium dioxide, etc... fall more quickly, thoroughly and homogeneously.
Can be installed inside the container (internal mounting) or outside the container in the event of inaccessible internal areas (outside mounting).

Size: 1/2", 3/4", 1", 1 1/2"
Body: Stainless Steel
Valve options: 2 way, 3 way
Temperature: 20 °C ... 80°C water, hot water
Voltage: 24 V DC/AC, 220 V AC,
on request 5V, 12V, 110V AC/DC
Opening/closing time: 5 - 7 second.

S9190 Series (TORK-RMEA Series)

These devices are used for HVAC (Heating, Ventilating and Air Conditioning) in a fast and reliable manner.

Size: 1/2", 3/4", 1", 1 1/2"
Body: Stainless Steel
Valve options: 2 way, 3 way
Temperature: 20 °C ... 80°C water, hot water
Voltage: 24 V DC/AC, 220 V AC,
on request 5V, 12V, 110V AC/DC
Opening/closing time: 5 - 7 second.

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SOLENOID VALVES / Natural Gas Series

**S8011 (TORK - GV) Series**

- **Application**: Natural gas, LPG, gas
- **Size**: 1/2”……2” BSP (screwed connection)
- **Pressure**: 0 bar…500 mbar,
- **Tube and internal part**: Brass, stainless steel
- **Body**: Die cast aluminium
- **Seal**: NBR
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Open
- **Coil Voltage**: 230V AC, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S8079 Series (TORK-GVF Series)**

- **Application**: Natural gas, LPG, gas
- **Size**: NW65, NW80, NW100 (Flanged connection)
- **Pressure**: 0 bar…500 mbar,
- **Tube and internal part**: Brass, Stainless Steel
- **Body**: Aluminium
- **Seal**: NBR
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Open
- **Coil Voltage**: 230V AC, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S8086 Series (TORK-GVC Series)**

- **Application**: Natural gas, LPG, gas
- **Size**: 1/2”……2” BSP
- **Pressure**: 0 bar…500 mbar,
- **Tube and internal part**: Brass, Stainless Steel
- **Body**: Die cast aluminium
- **Seal**: NBR
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230V AC, 12 V DC
- **Protection Class**: IP65, IP68 and Exproof models

**S8080 Series (TORK-GVD Series)**

- **Application**: Natural gas, LPG, gas, burners
- **Size**: 1/8”…..1/2” BSP
- **Pressure**: 0 … 6 bar
- **Tube and internal part**: Stainless BSP
- **Body**: Aluminium
- **Seal**: NBR
- **Temperature**: -10 °C…80 °C
- **Position**: Normally Closed
- **Coil Voltage**: 230 V,110 V, 48 V, 24 V,12 V AC
  110V, 48V, 24V,12V DC
- **Protection Class**: IP65 ve Exproof models

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SOLENOID VALVES / Natural Gas Series

FDV Series
Suitable Gas: Natural Gas, LPG, Methane, Propane, Air, etc. / Fluid in the form of gas Aluminium Body, Internal parts are brass and stainless steel.
This valve is designed to automatically shut the gas flow off in case of an earthquake within TS12884 standards.
The valve provides the required shut-off when it is subjected to seismic vibration which is set according to the standard given acceleration value conditions.

Size: 1 1/4" ... 2"

Working Pressure: 0-500 mbar

Max Pressure Endurance: 2.5 bar

Threaded Length: min 20 mm

Working Temperature: -30°C, +60°C

Earthquake Shut-off Valves

TORK-GA 10 Series / TORK-GA 20, TORK-GA 21 Series
Natural gas, LPG Alarm Detector

Detected combustible gases such as LPG, natural gas, propane. Installed at home and at any potentially hazardous areas.

Standard: TS EN 50014 - TS EN 50194
Exproof Class: Ex d IIC T6
Type: A type (Alarm + relay output)
Voltage supply: 220V, 230V, 50/60Hz
Relay output: 220V, 230V 7A
Alarm level: 85 dB
First Calibration: 1.5 min.
Power consumption: 2.5 Watt
Sensor type: Semiconductor
Contact output: Normally Open, SPST (on request SPDT)

TENG 50014
TENG 50194
GA10 (Natural gas, LPG)

GR 20/30/60/10 Series
Natural Gas Filters, Filtered regulators
Filters the particles located in the gas passing through the natural gas lines.
Gas pressure is stabilised at a precise valve thanks to the regulators

GR 20: 1 1/4" ... 2" Filtered regulator with no safe to closing
500 mbar TS10624

GR 60: 1/2" ... 2" Filtered regulator with safe to closing
1 bar, TS10624

GF 10: 1/2" ... 3" Natural gas filter 2-4 bar, TS10276
Body: Aluminium
Connection: Screwed and flanged
Input Pressure: 2.1 bar
Output adjustment range: 0 - 500 mbar (Output pressure range must specify user)

GR 90 / GR 91 / GR 92 Series (Bellofram)
SHUT-off filter, regulator for natural gas, LPG

Type: GR90
Size: 1" ... 2" threaded connection
Inlet Pressure: 27-50 bar, 46-95 psi, 90-150 psi, 275-500 psi
Body: Steel

Type: GR91
Size: 3/8" ... 1" threaded connection
Inlet Pressure: 28 bar
Body: Aluminium

Type: GR92
Size: 1/4" threaded connection
Inlet Pressure: 379 bar
Body: Brass

GR 90
GR 91
GR 92
GR 20
GR 60
GF 10

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### S8410 Series / S8450 Series (TORK-PL Series)

**Application**: Acid, aggressive media, inert gas, air, water, gas, oil

**Size**: 3/8", 3/4", 1/4", 1/2" BSP (on request NPT)

**Pressure**: -1 ... 6 bar (Depends on the size)

**Tube and internal part**: Stainless Steel

**Body**: PVC

**Seal**: FKM

**Temperature**: -10 °C ... 80°C

**Position**: Normally Closed

**Coil Voltage**: 230/230V, 110V, 48V, 24V, 12V AC

**Protection Class**: IP65, IP68 and Exproof models

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### S8710 Series (TORK-PL2 Series)

**Application**: Water, air, hot water

**Size**: 3/4" inlet, 10.5mm hose outlet

**Pressure**: 0,3 -10 bar

**Diaphragm**: VITON, EPDM

**Temperature**: 25 °C water, 90°C hot water

**Body**: PA

**Position**: Normally Closed

**Voltage**: 230V (24V on request)

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### S8910 Series (TORK-GPP Series)

**Application**: Parks, gardens, green houses, agricultural irrigation

**Size**: 3/4" ... 3" BSP (on request NPT)

**Pressure**: 0,5bar ... 10bar

**Tube and internal part**: Stainless Steel

**Body**: Reinforced Nylon

**Seal**: NBR

**Sicaklık**: -10 °C ... 50 °C

**Position**: Normally Closed

**Bobin Voltaji**: 230V, 110 V, 24 V, 12 V AC

**Protection Class**: IP67

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### Coils (IP65, IP68 and Ex-proof Series)

- **Coil**: C40, C41, C42 18W, 15VA AC
- **C44, C45 18W, 15VA AC**
- **C20, C21 5W DC, 7.5VA AC**
- **C30 14W DC, 21VA AC**

**Voltage**: 12V, 24V, 48V, 110V 230V AC

**Protection Class**: IP65

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### Connectors (With / without LED) (TORK-SK Series)

- **C80, C81 connectors for C10, C30 and C40 TORK coils**
- **C85, C86 connectors** for C20 TORK coils

**Standard**: DIN43 650A/B

**PWM C82, C84 Energy Saving connectors**

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Pneumatic Actuators
Angle-Seated pneumatic Valves
Limit Switch Boxes
Pneumatic Actuated Valves
Electric Actuated Valve
Flow Measuring Instruments
Pressure Measuring Instruments
Level Measuring Instruments
Temperature Measuring Instruments