



**CIRCULAR
CONNECTORS**



PRODUCT PORTFOLIO



**CIRCULAR
CONNECTORS**

TEX

single & multipole explosion proof connectors



TSL

single & multipole environmentally-sealed connectors



MOG

single pole environmentally-sealed high power connectors



TNR^{POWER}

single pole high power connectors with rubber insulator



ZGT

multipole rugged connectors for explosive environments



VŠ

multipole connectors for hermetic or non-hermetic usage



BŠ

multipole instrument connectors for low voltages



ŠR

single & multipole connectors for hermetic or non-hermetic usage



RM

multipole space-saving connectors with high resistance



RWN

multipole miniature connectors for signal transmission



PK

multipole plastic connectors for mains voltage



**CUSTOM
MADE**

individual connector designs to suit your needs



ELECTRICAL CHARACTERISTICS

- Operating voltage Un
- Contact rated current In
- Contact resistance of contact pair
- Insulation resistance

MECHANICAL FEATURES

- Connector diameter
- Number of contacts
- Cross section of connectable wire
- Wire connection method
- Nr. of connections & disconnections

ENVIRONMENTAL PROPERTIES

- Temperature rating
- Resistance of relative humidity
- External Pressure (Coupled Connectors)
- Legislative requirements standard
- Environmental protection level
- Special protection level

240 / 600 / 1000 V	240 / 600 / 1000 V	1000 V	5000 V	400 V	115 V ~ / 400 Hz	36 V ~ / 400 Hz	600 V ~ / 3 kHz	500 V ~ / 2 kHz	220 V ~ / 3 MHz	440 V ~ / 400 Hz	Your option
9 – 1050 A	9 – 1050 A	225 – 1050 A	396 – 1135 A	25 A	3 – 5 A	5 A	10 – 200 A	8 – 36 A	5 A	10 – 16 A	Your option
0,013 – 2,6 mΩ	0,013 – 2,6 mΩ	0,015 – 0,030 mΩ	≤ 0,05 mΩ	≤ 1 mΩ	≤ 10 mΩ / ≤ 4 mΩ	≤ 4 mΩ	≤ 2,5 mΩ – ≤ 0,15 mΩ	≤ 5 mΩ – ≤ 0,8 mΩ	≤ 2 mΩ	≤ 3 mΩ – ≤ 1,5 mΩ	Your option
≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ / ≥ 10 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	≥ 1 GΩ	Your option
56 – 107 mm	46 – 97 mm	88 mm	114 mm	22 / 28 mm	17 – 30 mm	18 mm	16 – 60 mm	14 – 33 mm	15 mm	27 mm / 43 mm	Your option
1 – 68	1 – 68	1	1	2 / 4 / 7	2 – 32	2 – 4	1 – 47	4 – 32	5	7 – 24	Your option
18 AWG – 777 MCM	18 AWG – 777 MCM	313 MCM – 777 MCM	4/0 AWG – 777 MCM	4,15 mm ²	0,5 mm ² / 1 mm ²	1,33 mm ²	2,5 – 78 mm ²	0,5 – 10 mm ²	1,33 mm ²	0,5 – 2,5 mm ²	Your option
Crimping / Soldering	Crimping / Soldering	Crimping / Bus Bar	Crimping / Bus Bar	Soldering	Soldering	Soldering	Soldering	Soldering	Soldering	Crimping / Soldering	Crimping / Soldering / Bus Bar / Screw / Clamp
< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	Your option
-55 °C to +40 °C	-55 °C to +40 °C	-55 °C to +40 °C	-55 °C to +125 °C	-40 °C to +55 °C	-60 °C to +100 °C	-60 °C to +60 °C	-60 °C to +100 °C	-60 °C to +200 °C	-60 °C to +60 °C	-40 °C to +80 °C	Your option
95 %	95 %	95 %	95 %	95 %	< 98 %	< 98 %	< 98 %	< 98 %	< 95 %	< 98 %	Your option
< 2,0 MPa	< 2,0 MPa	< 2,0 MPa	×	150 kPa	100 kPa	65 kPa	×	×	×	×	Your option
CE + EAC	CE + EAC	CE + EAC	CE	CE	CE	CE	CE	CE	CE	CE	CE / EAC / ANSI / OSHA / UL
IP68	IP68	IP68	IP68	IP67	U2	U2	U2	U2	U2	IP54	IP44 / IP45 / IP54 / IP67 / IP68
IECEX + ATEX	×	UL & CSA	UL 94 V-0	×	×	×	×	×	×	×	IECEX / ATEX / UL / CSA

UTILIZATION

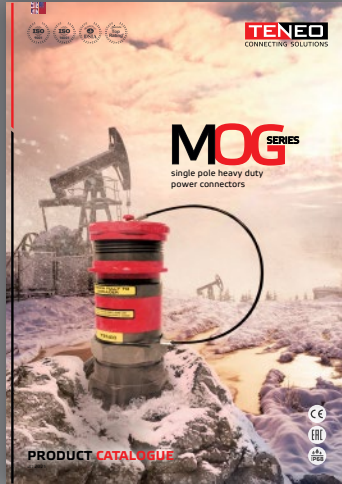
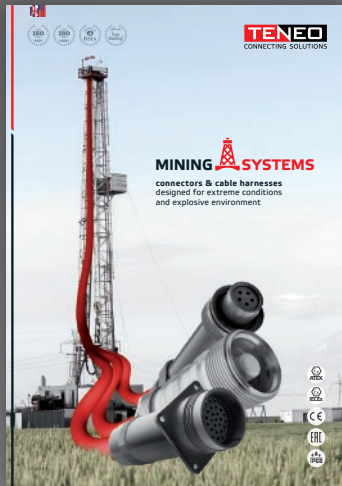
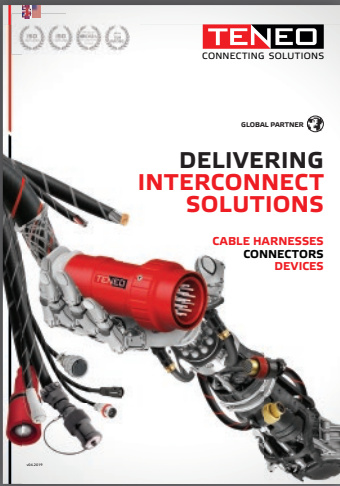
Mining Industry (Oil & Gas) Marine Industry Other Ex Industrial Usage	Mining Industry (Oil & Gas) Marine Industry	Mining Industry (Oil & Gas)	Mining Industry (Oil & Gas)	Mining Industry (Oil, Gas, Coal) Spark-resistant installation	Aviation Industry Army Technology Automation Communication Transport technology	Aviation Industry Army Technology Automation Communication Heavy Industry	Aviation Industry Army Technology Rail Transport Technology Automation Communication Heavy Industry	Aviation Industry Automation Communication Heavy Industry	Radio Technology Electrotechnics Communication	Parts of machinery structures	According to your needs
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Need to learn more?
Contact me!



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**PRODUCT
PORTFOLIO**



ISO 14001
United Registrar of Systems



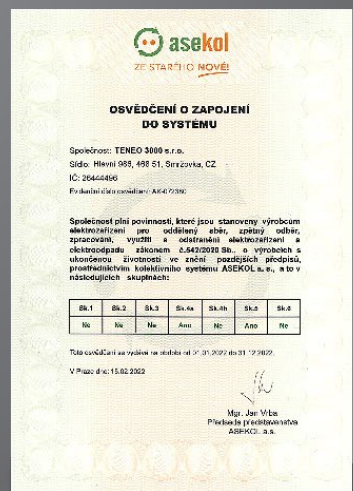
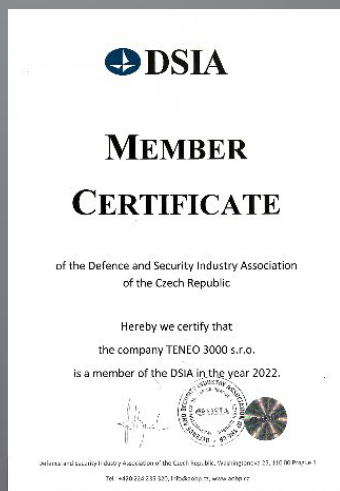
ISO 9001
United Registrar of Systems



ASSOCIATION MEMBER
Defence and Security Industry Association



ECO FRIENDLY
ASEKOL a.s.
Ecological Waste Disposal



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