Product Data Sheet

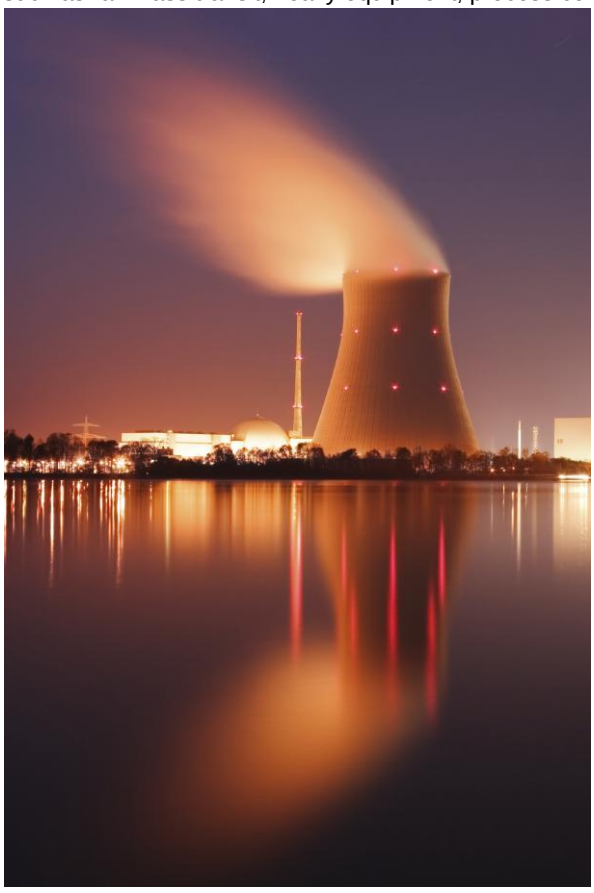
Amphenol® GT Stainless Steel Reverse Bayonet Coupling Connector.

Amphenol Industrial Operations adds a Stainless Steel material option to the already popular GT Series Reverse Bayonet Connector.

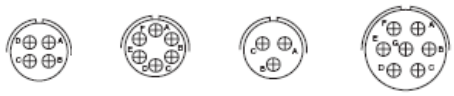
GT Stainless Steel
The Stainless Steel GT reverse bayonet connector improves the corrosion resistance and overall durability of the standard GT which has an aluminum shell and rear accessory components. Like the standard GT, the Stainless Steel GT has high shock and vibration capabilities, IP67 rating, 2,000 couplings minimum and all the same insert arrangements that are currently available.

The Stainless Steel GT has several insert material variations available to satisfy most customer requirements. In addition to the standard neoprene there are the halogen free low smoke inserts and viton inserts that are rated to an operating temperature of +200°C. A choice of solder or crimp contact termination with either gold or silver plating ensure design flexibility for any application. Amphenol's RADSOK® contact technology is a necessity for most power applications. This hyperboloid contact can increase amperage capabilities by 50% compared to a standard socket without increasing the size of the connector. Available backshell options include environmental and non-environmental adapters with strain relief, cable gland, or EMI shield.

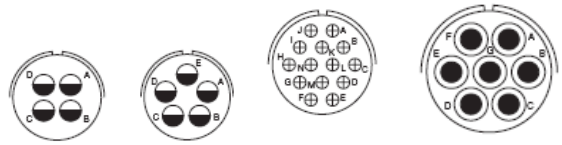
The GT which has its roots from the Pyle True Lock series and MIL-C-5015 connector is the leading connector sold into markets such as rail mass transit, heavy equipment, process control, and alternative energy. The Stainless Steel GT is the ultimate solution in the harshest of environments for power distribution and quick turn around in the field.



Most commonly used insert arrangements for the Nuclear Industry:



Insert Arrangement	14S-2	14S-6	14S-7	16S-1
Service Rating	Inst.	Inst.	A	A
Number of Contacts	4	6	3	7
Contact Size	16	16	16	16



Insert Arrangement	18-10	18-11	20-27	24-10
Service Rating	A	A	A	A
Number of Contacts	4	5	14	7
Contact Size	12	12	16	8

Ordering Information –	GT	CN	030	A	FM	28-22	P	W	(***)
		1	2	3	4	5	6	7	8

1. Contact Style and Insert Material

CN = Crimp with Stainless Steel and standard neoprene insert
SN = Solder with Stainless Steel and standard neoprene insert
CYN = Crimp with Stainless Steel and Viton Insert
SYN = Solder with Stainless Steel and Viton Insert
CLN = Crimp with Stainless Steel and low smoke insert
SLN = Solder with Stainless Steel and low smoke insert

2. Shell Style

00 = Wall Mount Receptacle
02 = Box Mount Receptacle
030 = Rear Wall Mount Receptacle
06 = Straight Plug
08 = 90° Plug

3. Connector Class

AF = Non-Environmental with strain relief clamp
F = Environmental with strain relief clamp and individual wire sealing grommet
A = Adapter for accessory attachment, non-environmental
R = Adapter for accessory attachment, environmental including individual wire sealing grommet
* Please consult Amphenol for additional adapter and backshell availability

4. Designation for Mounting Holes – Receptacles Only

FM = Metric Threads
FF = UN Threads

5. Shell Size and Arrangement

*Please consult Amphenol GT Series Catalog 12-024-8 pages 2-4 for available arrangements.

6. Contact Style

P = Pin Contacts
S = Socket Contacts

7. Alternate Insert Rotation

*Please consult Amphenol GT Series Catalog 12-024-8 page 5 for availability.

8. Connector Modifications

(B30) = gold plated contacts – if omitted standard silver will be supplied
(LC) = less contacts – contacts must be purchased separately
(RDS) = RADSOK® socket contacts supplied – valid only with crimp socket contact style.

For additional information on the GT family of connectors please ask for Catalog 12-024-8.

Amphenol Corporation
Amphenol Industrial Operations
40-60 Delaware Avenue
Sidney, New York 13838-1395
Phone: 1-607-563-5011 Fax: 1-607-563-5351
Internet: www.amphenol-industrial.com and www.radsok.com