

## GA SERIES CONNECTORS FOR POWER AND SIGNAL CONNECTIONS



GA Series Connectors

### Features

- Ingress protection IP67 0.5 Bar
- Receptacle sealed even when uncoupled
- Resistant to many aggressive liquids
- Positive screw coupling
- Electrical and mechanical characteristics to IEC 61984
- Leading earth protection
- Contacts for 50A and 10A
- Current rating 50 A / 10 A
- Aluminium housing with positive thread locking

The GA Connector is a very robust design and offers reliability in harsh environments where rough handling may be expected.

The inserts contain both power and signal contacts in a well insulated arrangement, affording high levels of safety and secure operations. The plug half has replaceable, crimp contacts and the fixed / in-line receptacles have branded contacts which give ingress protection even in the unmated condition.

The main application of the GA connector is in heavy duty production machinery

### Technical Data

Series	GA
Number of contacts	3 + PE + 11
Rated current	50 A / 10 A
Rated voltage	400 V AC / 60 V DC
Wire gauge	AWG 20 ... AWG 9
Terminal type	Solder (receptacle) / crimp (plug)
Contact material	Copper alloy, silver plated
Test voltage	2,500 V / 500 V
Temperature range	-25°C ... +100°C
Protection, IEC 60529	IP67
Housing material	aluminium
Locking	Threaded coupling