

GM SERIES CONNECTORS FOR POWER AND SIGNAL CONNECTIONS



GM Series Connectors

The GM Connector is designed to offer a cost effective, plastic alternative to the G series aluminium connector. It upgrades the sealing capacity from IP54 to IP67 and utilizes the G series inserts/contacts in shell sizes 42 and 57. Higher density inserts to a maximum of 64 way have been introduced and the entire design, including water tightness back of panel is based on simplicity of use. The many applications for this connector include:-

- ▶ Water industry control and monitoring equipment
- ▶ Outdoor transformers
- ▶ Vehicle jumper cables
- ▶ Food processing machinery
- ▶ Mining and mechanical handling

Features

- ▶ Rugged PA housing
- ▶ Modular design
- ▶ Sealed to IP67
- ▶ Current ratings to 100A
- ▶ Contact arrangement to 64 way
- ▶ Housings accept G Series contact inserts
- ▶ Positive screw coupling
- ▶ Meets IEC 61984

Technical Data

Series	GM42 / GM57
Number of contacts	4 + PE ... 64 + PE
Rated current	up to 35 A
Rated voltage	25 V ... 400 V
Wire gauge	AWG 20 ... AWG 9
Terminal type	Crimp, solder
Contact material	Copper alloy, silver plated
Test voltage	1,500 V / 2,500 V
Temperature range	-25°C ... +100°C
Protection, IEC 60529	IP67
Housing material	Polyamide 6 GF 30
Locking	Threaded coupling