GTMC SERIES
DOUBLE SOLENOID
2 PIN PLUG
MOLDED CONNECTOR

GENERAL DESCRIPTION

Inspired by the proven efficiency of Canfield Connector's dual-DIN systems, the GTMC GatorMate™ Deutsch style duo connecor offers a rugged and intelligent connectivity solution specifically engineered for double solenoid hydraulic valves. This innovative system leverages a single multi-paired cable, significantly streamlining wiring and reducing cable bulk. The cable connects first to the initial solenoid via a durable DT0 2-pin Deutsch connector. Power and signal then efficiently jump to the second solenoid through a compact GT 180 connector, seamlessly integrating both connections. The GTMC's duo design eliminates redundant cabling, simplifies system architecture, and minimizes installation complexity. It optimizes wire management while delivering reliable performance in the most demanding and harsh environments where GatorMate™ connectors excel. For enhanced functionality and protection, each connector can be equipped with an indicator light and surge suppression. Cables are readily available in a wide range of standard lengths to suit diverse application requirements, and is proudly manufactured in the USA.

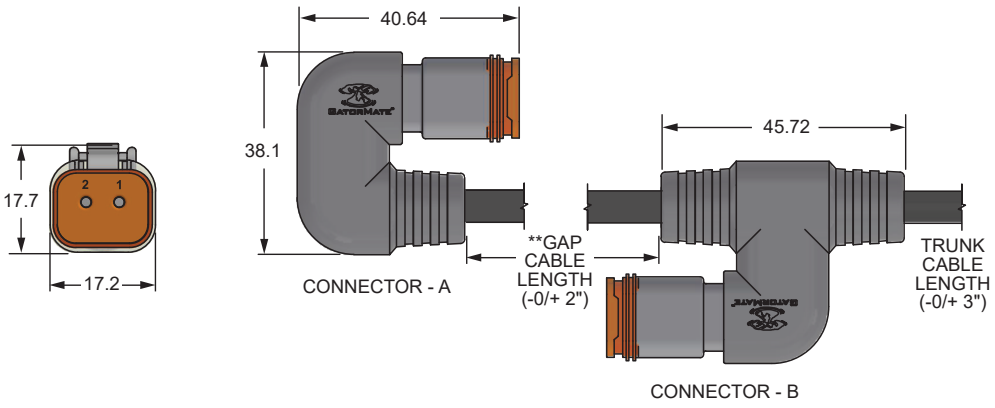


Unlighted 2 Pin Plug, 3Pin Receptacle version shown above

DIMENSIONAL DATA

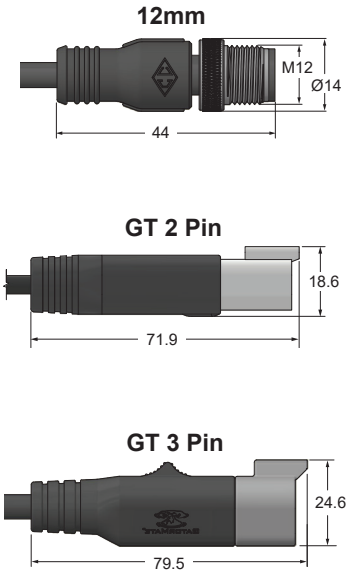
All dimensions are in millimeters unless otherwise noted.

GT 2 PIN PLUG



CONNECTION OPTIONS

Trunk Cable



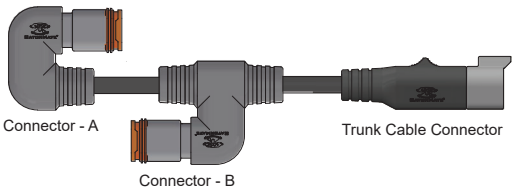
**Note: For critical specifications, contact factory.

TECHNICAL DATA

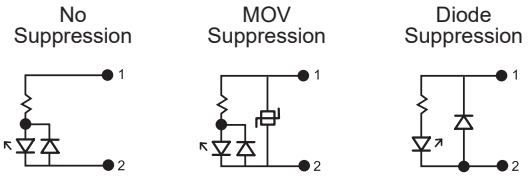
Current Max.	4 Amps
Voltage Max.	120 VAC 50/60 Hz, 250 VDC
Materials	Housing: Thermoplastic Contacts: Brass, Nickel Plating Overmold: TPU
Temperature Range	-20° to +80°C
Environmental Protection	IP67, IP69, IP69K (Securely connected)
Cable Diameter	0.190 (Gap, Trunk Parallel) 0.275 (Trunk Separate)
Cable Conductor Colors	Brown, Blue, Yellow/Green (Others available on request)
Cable Type	PVC or PUR; Black
Wire Gauge	18 AWG
Number of Contacts	2 connections

NOTE: Slight discoloration may occur to translucent material after prolonged exposure to UV rays.

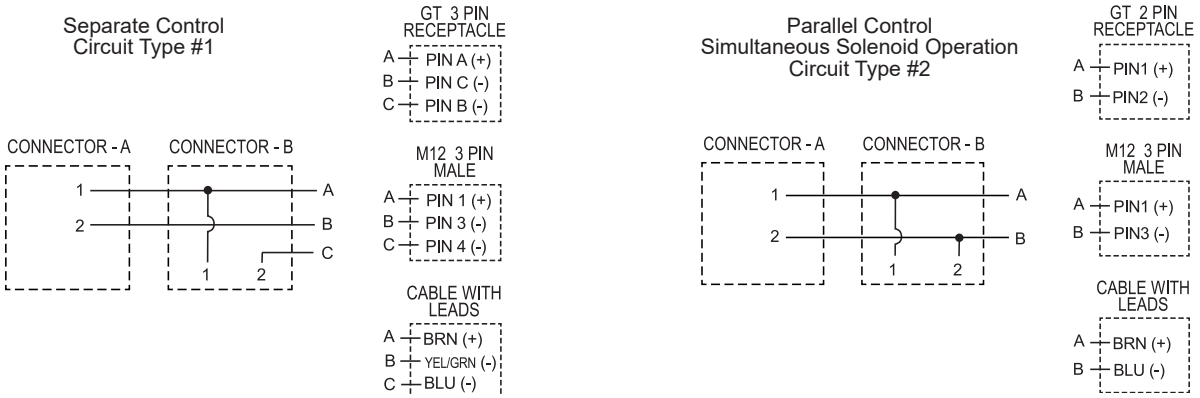
WIRING INFORMATION



CONNECTOR SCHEMATIC



CIRCUIT DIAGRAM / APPLICATIONS



ORDERING INFORMATION

GTMC0602☐☐-☐☐☐☐-☐☐☐☐

Gap Cable Lengths**
(2 Lead)
08 - 8" Gap
10 - 10" Gap
12 - 12" Gap
***-0/+2"*

Operating Voltage
0 - 0-120V 50/60Hz AC/DC*
2 - 6-24V 50/60Hz AC/DC
5 - 48-120V 50/60Hz AC/DC
A - 6-24VDC (Diode Only)
** Unlighted only*

Surge Suppression
0 - None
1 - Diode (DC Only)
5 - MOV

Lighting Option
0 - Unlighted
1 - Lighted (Solenoid Valve Applications)

Circuit Type
1 - Separate Control
2 - Parallel Control

Packaging Code
A - Bulk
G - Individual bagged

Wire Type
1 - PVC
2 - PUR

Trunk Cable Lengths**
3 - 3' Cord
6 - 6' Cord
F - 15' Cord
***-0/+3"*

Trunk Cable Connector Options
(2 or 3 Lead)
1 - Cable with leads
2 - M12 3 Pin Male (Separte Control)
3 - GT 2 Pin Receptacle (Parallel Control)
4 - GT 3 Pin Receptacle (Separate Control)

Ordering Example: GTMC060208-2001-431A

8" Gap cable, 6-24V 50/60Hz AC/DC, no suppression, unlighted, Separate control, 3 pin GT receptacle trunk cable, 3' PVC cord, Bulk.