

INTRODUCTION

SEA CON®'s WET-CON connector series was developed to provide inexpensive yet reliable rubber molded connectors that allow the user to make and break connections both on the surface and underwater.

Manufactured using only high quality materials, the WET-CON bulkhead connector's metal shell is produced using DGS 1043 (UK spec) or CA630 per QQ-C-465 as standard, although other materials are available upon request including PEEK (Polyetheretherketone) which offers superior chemical resistance, excellent electrical properties, wear and abrasion resistance and is light weight. Contacts are gold plated to ASTM B488 providing superior corrosion resistance and stainless steel guide pins ensure "no miss" mating.

AVAILABILITY

This connector range is available in a number of configurations ranging from 1 to 16 contacts rated upto 19 amps maximum current (dependent on cable) and a mated pressure rating of upto 20,000 psi.

The WET-CON series is also available with a metal shell body, individual single tail, extended metal shoulder and a water-blocked version which is suitable where there will be reverse pressure applied to the connector i.e. subsea electronics pods or ROV systems. For further information please contact SEA CON®.

APPLICATIONS

The WET-CON series is suitable for a variety of applications including underwater television and lights, diver communications, ROV systems, recreational submersibles, towed-array cable systems, current meters, animal migration and research and food processing equipment.

SPECIAL ASSEMBLIES

SEA CON® maintains all facilities necessary to furnish complete underwater and environmental electrical connector/cable systems, including Research and Development, Engineering, Manufacturing, Quality Control and Pressure Testing.

As well as supplying our standard 'off-the-shelf' items, we have the capability to design and manufacture **SPECIAL CUSTOMIZED CONNECTORS AND CABLE ASSEMBLIES** to suit your individual needs.

SEA CON® also prides itself with the ability to perform stringent quality conformance testing procedures which are in accordance with the MIL-SPEC programs.

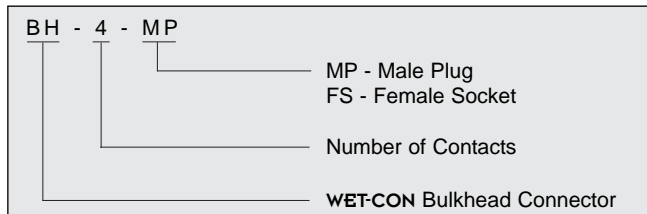
NOTES:

WET-CON connectors are intended to mate with WET-CON connectors only. Although the WET-CON and ALL-WET connectors look similar, the numbering pattern and color codes are not the same.

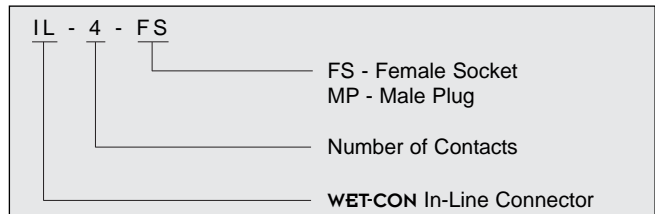
We recommend, as general practice, to verify color code and pin location before installation.

PART NUMBER SYSTEM - EXAMPLE

WET-CON BULKHEAD CONNECTORS

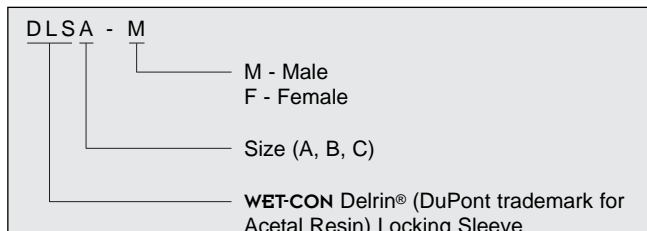


WET-CON IN-LINE CONNECTORS



WET-CON LOCKING SLEEVES

Locking Sleeves are available for WET-CON connectors as an option.



NOTES:

- Size A fits 2, 3 and 4 contact patterns.
- Size B fits 6, 8 and 10 contact patterns.
- Size C fits 12 and 16 contact patterns.

WET-CON DUMMY CONNECTORS

Dummy connectors are available parts in the WET-CON Series.

