



On Stage with the Best

HELIX

HC-120 FC/FP

CABLE/PANEL FEMALE MULTIPIN CONNECTOR

PINOUT

DESCRIPTION:

Pinout for Pro Co HELIX System Cable/Panel-mount female multipin connector using top-exit covers (rear view).

NOTE: This is also the front view for male connectors.

ABBREVIATIONS:

1S = Channel #1 Shield

1H = Channel #1 Hot (+)

1C = Channel #1 Cold (-)

STANDARD PREP LENGTHS:

| Channel # | Length |
|-----------|--------|
| 1 - 8 | 4" |
| 9 - 18 | 3-1/2" |
| 19 - 29 | 3" |
| 30 - 40 | 2-1/2" |

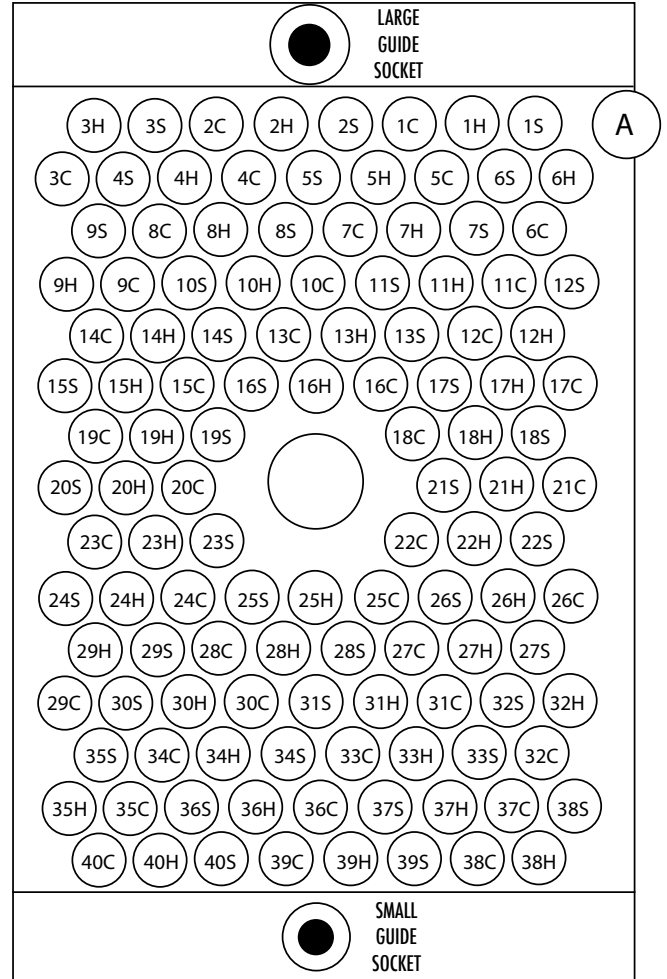
HELIX MULTIPIN CONNECTOR PART NUMBERS:

| PART NUMBER | DESCRIPTION |
|-------------|------------------------------------|
| HC-120-MP | Male, Fixed Screw, Panel mount |
| HC-120-MC | Male, Actuating Screw, Cable mount |
| HC-120-FP | Female, Fixed nut, Panel mount |
| HC-120-FC | Female, Actuating nut, Cable mount |

ADDITIONAL ELCO/EDAC PARTS AND ACCESSORIES:

| PART NUMBER | DESCRIPTION |
|--------------|-------------------------|
| 60-8017-0513 | Solder-type contacts |
| 60-8017-0313 | Crimp-type contacts |
| 06-1742-04 | Contact insertion tool |
| 06-1877-04 | Contact extraction tool |
| 06-7852-01 | Contact crimping tool |

REAR VIEW



CABLE EXITS AT THIS END

NOTES:

IMPORTANT NOTES ON ELCO/EDAC MULTIPIN CONNECTORS

1. All connectors come without contacts.
2. Crimp-type contacts are rated for 18 - 26 AWG wire.
3. Solder-type contacts require individual heat-shrink insulation of each solder joint (1/8" thinwall recommended).
4. "Male" connectors have exposed contacts
5. "Female" connectors have recessed contacts.
6. It is extremely difficult to terminate Elco/Edac connectors without the Elco contact tools (listed above).
7. It is impossible to use a male actuating screw or female actuating nut connector on a panel or snake box. They are only used for cable mount.
8. The contacts are genderless.