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# HELIX HC-120 MC/MP

CABLE/PANEL MALE MULTIPIN CONNECTOR

## PINOUT

### DESCRIPTION:

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

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

### ABBREVIATIONS:

- 1S = Channel #1 Shield
- 1H = Channel #1 Hot (+)
- 1C = Channel #1 Cold (-)

### STANDARD PREP LENGTHS:

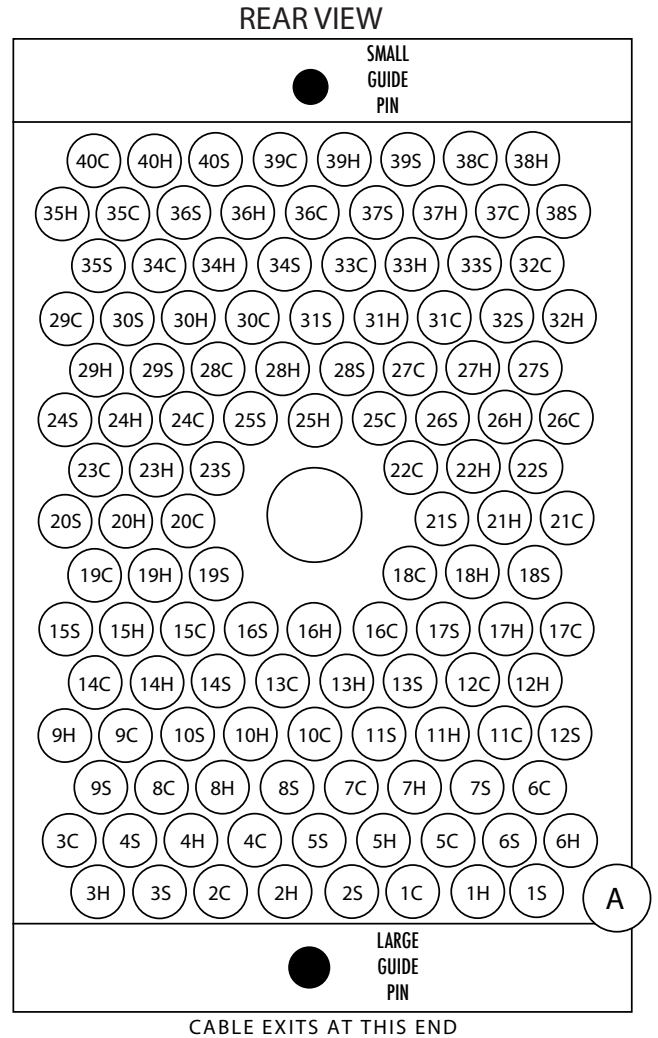
Channel #	Length
1 - 11	2-1/2"
12 - 21	3"
22 - 32	3-1/2"
33 - 40	4"

### 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



### 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.