



ELCO/EDAC 516-090-301/302

CABLE/PANEL MALE MULTIPIN CONNECTOR

PINOUT

DESCRIPTION:

Pinout for Pro Co D-System 90-pin Cable/Panel-mount male multipin connectors (Elco/Edac 516-090-301/302) 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:

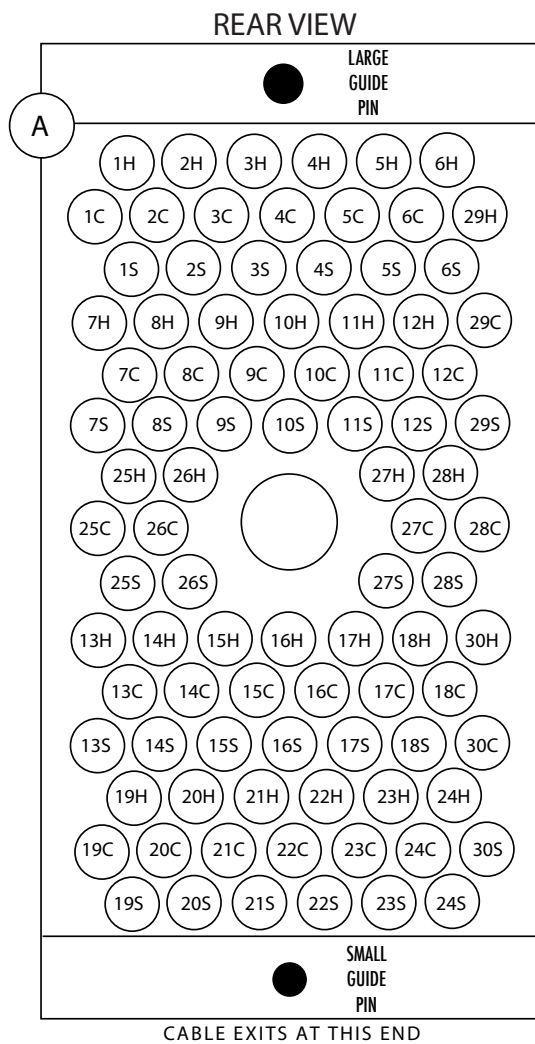
Channel #	Length
1 - 6 (also 29H)	3"
7 - 12 (also 29 C/S)	2-5/8"
13 - 18 (also 30H/C)	1-7/8"
19 - 24 (also 30S)	1-1/2"
25 - 28	2-1/4"

90-PIN MULTIPIN CONNECTOR PART NUMBERS:

PART NUMBER	DESCRIPTION
516-090-301	Male, Actuating Screw, Cable mount
516-090-302	Male, Fixed Nut, Cable/Panel mount
516-090-401	Female, Actuating Screw, Cable mount
516-090-402	Female, Fixed Nut, Cable/Panel mount
516-230-590	Cover, 0.875" Cable diameter.

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.