



SmartStep Accessories

SS-IO and SS-IO-6 Color Code

Our SS-IO cables are used to connect an IDC SmartStep to a PLC or a SmartStep to our OPTO44/88 signal conditioning racks. These cables come in 2 styles. The standard SS-IO cable is a 2 foot cable with right angle connectors at both ends. The SS-IO-6 is a 6 foot version with a conventional DB25 hood.

When connecting the cable to an OPTO44 or OPTO88 rack, simply plug the male end into the SmartStep and the female end into the rack.

When connecting to a PLC, connect the male end of the cable into the SmartStep, cut the female end off, and strip the wires to the desired length for connection to your PLC's screw terminals. The color code is shown below.

SS-IO and SS-IO-6 Color Code

| Pin Number | Wire Color | Pin Number | Wire Color |
|-------------------|--------------------|-------------------|---------------------|
| 1 | Black | | |
| 2 | Brown | 14 | Brown/White |
| 3 | Red | 15 | Red/White |
| 4 | Orange | 16 | Orange/White |
| 5 | Yellow | 17 | Green/White |
| 6 | Green | 18 | Blue/White |
| 7 | Blue | 19 | Purple/White |
| 8 | Purple | 20 | Red/Black |
| 9 | Grey | 21 | Orange/Black |
| 10 | White | 22 | Yellow/Black |
| 11 | Pink | 23 | Green/Black |
| 12 | Light Green | 24 | Light Blue |
| 13 | Black/White | 25 | Pink/Black |

For further assistance call IDC at (800) 747-0064.