

Applied Automation & Controls Inc

Sensor Junction Box Assembly



The Applied Automation & Controls Sensor Junction box assembly allows up to eight sensor signals to be bussed to a single cable. The assembly contains terminal blocks for each sensor cable. It allows the selection of sensor voltages between 12 and 24V DC for individual sensors. LED indicators are present for each power input voltage.

The assembly is sealed to IP67 and has a point of load 5V power converter to reduce the voltage drop on long cable runs. The unit is RoHS and CE compliant.

Wiring Connections 00-92690:

Wire	Signal
1	24VDC
2	12VDC
3	Ground
4	Ground
5	Signal 1
6	Signal 2
7	Signal 3
8	Signal 4

Wiring Connections 00-92691:

Wire	Signal
1	24VDC
2	12VDC
3	Ground
4	Ground
5	Analog signal 1
6	Analog signal 2
7	Analog signal 3
8	Analog signal 4
9	Frequency signal 1
10	Encoder signal A
11	Encoder signal B
12	Encoder signal Z

Part Numbers:

00-92691: Sensor Junction Box, w/ 8 signals

00-92690: Sensor Junction Box, w/ 4 signals

Technical Specifications:

Operating Temperature	-40C to 85C
Storage Temperature	-55C to 125C
Enclosure Rating	IP67, NEMA 6
Dimensions	230x70x50mm
Indicators:	Power Status LED
Power Rating:	10 amps

