

# THRU-WIRE CONNECTOR 12-18 AWG:

## 9286-300

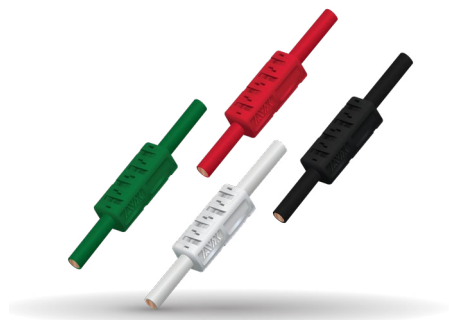
### General Information



Poke-Home wire-to-wire connectors have proven to be very simple and reliable over the past few years. To date, they have focused on the light industrial wire gauge ranges of 18 AWG to 24 AWG.

The latest product has just been developed to address the heavier 12 AWG to 18 AWG range. This new 300 Series connector uses a single phosphor bronze contact technology with a center wire stop.

Accepting both solid and stranded wires, pre-stripped wires can be easily inserted and then twisted and pulled for removal.



#### APPLICATIONS

- Industrial Machine Controls: motors, drives, solenoids, pumps, coils or transformers
- Commercial Building: controls, security and fire
- Smart Grid: meters, breakers and panels
- SSL: fixtures and wiring
- Application Notes: Refer to 201-01-218
- Product Specification: Refer to 201-01-217

#### FEATURES AND BENEFITS

- Simple strip and poke-home wire insertion with twist and pull wire extraction
- One-Piece contact with high force contact beams provide mechanical stability and wire retention
- Integral wires stop prevents over insertion
- -316 product will accept both 16 AWG and 18 AWG solid and stranded wires

#### ELECTRICAL

- Current Rating:

Connector	Wire Gauge	Current
16 AWG	18 AWG	10A
16 AWG	16 AWG	11A
14 AWG	14 AWG	13A
12 AWG	12 AWG	15A

- Voltage Rating: 600 VAC (RMS) or DC equivalent

#### ENVIRONMENTAL

- Operating Temperature: -40°C to +130°C
- Storage Temperature: -40°C to +80°C

#### MECHANICAL

- Contact Material: Phosphor Bronze
- Plating: Pure Tin Over Nickel
- Durability: 5 Cycles

#### HOW TO ORDER

<b>00</b>	<b>9286</b>	<b>001</b>
Prefix	Series	Number of Ways
00 = Standard Products		001 = 1

<b>3XX</b>	<b>X</b>
Wire Size*	Housing Color
312 = 12 AWG/3.3 – 3.9mm <sup>2</sup>	Standard
314 = 14 AWG/2.0 – 2.5mm <sup>2</sup>	9 = UL White/Natural Special
316 = 16 AWG/1.3 – 1.6mm <sup>2</sup>	8 = UL Black
18 AWG/0.8 – 1.0mm <sup>2</sup>	0 = UL Gray
	1 = UL Violet
	2 = UL Brown
	3 = UL Blue
	4 = UL Yellow
	5 = UL Red
	6 = UL Green
	7 = UL Orange

<b>06</b>
Plating Option
06 = Lead-Free Tin All Over



\*Solid or Stranded wire accepted: more than 19 strands per wire not recommended



Safety Standards: UL 1977-File #E90723, CSA C22.2 NO. 182.3