

# PanelConnect™ Systems

## PanelConnect™ Modules for Input Connections

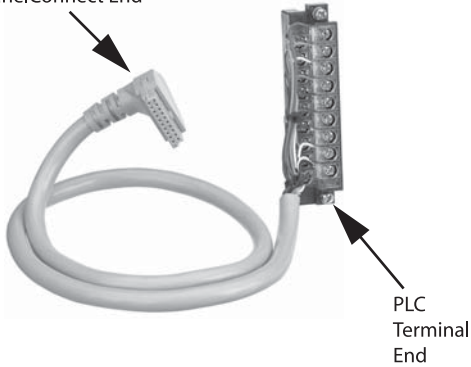
### Module Specifications, Pinouts and Application Notes, Continued

#### Pre-Wired Cables for Input PanelConnect

Bulletin 1492 pre-wired cables are designed to minimize control wiring in a panel. These pre-wired cables replace the point-to-point wiring between Allen-Bradley programmable controller I/O modules and the PanelConnect module.

#### Specifications

PanelConnect End



The pre-wired cables have a Bulletin 1746, 1756, 1762 (MicroLogix 1200, 40 I/O Base), 1764 (MicroLogix), 1769, or 1771 PLC input module on one end and a molded cable connector on the other to connect to the PanelConnect Module. The broad offering of digital pre-wired cables supports 16-point and 32-point Bulletin 1746, 1756, 1762, 1764, 1769, and 1771 digital input modules.

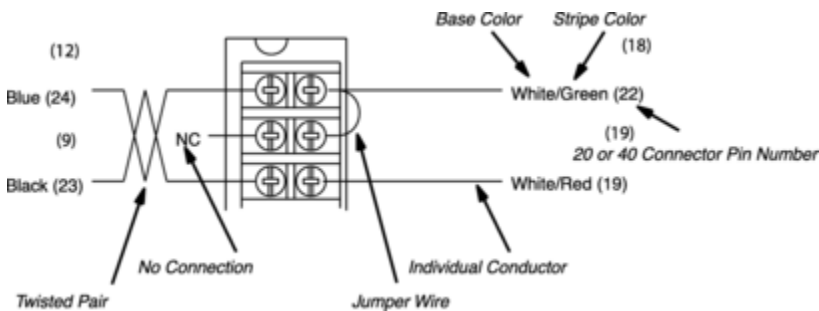
Pre-Wired Cable Cat. No.	Standard Cable Lengths	Insulation Rating	No. of Conductors	Conductor Size	Nominal Outer Diameter	I/O Module Connector Cat. No.
1492-CABLE*A	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25R Red Removable Terminal Block
1492-CABLE*B	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25B Blue Removable Terminal Block
1492-CABLE*F	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1771-WH (16-Point/21 Terminal) Wiring Arm
1492-CABLE*X	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CAB*A69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CAB*B69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CAB*J69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.1 mm (0.46 in.)	(2) 1769-RTBN18 Removable Terminal Blocks
1492-CABLE*H	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1746-N3 40-Pin Cable Connector
1492-CABLE*J	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1746-WN (32-point/40 Terminal) Wiring Arm
1492-CABLE*Z	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1746-TBCH Removable Terminal Block
1492-CABLE*X	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#20 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CAB*A62	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1762-L40xxx Input Terminal
1492-CAB*A64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	9.0 mm (0.36 in.)	1764-24AWA, -24BWA Input Terminal
1492-CAB*B64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	9.0 mm (0.36 in.)	1764-28BxB Input Terminal

\* Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: Cat. No. 1492-CABLE005A is for a 0.5 m cable for the 1746-IA16 I/O Module. Also refer to Build-to-Order Length Cables, on [BAD REF 203006 ].

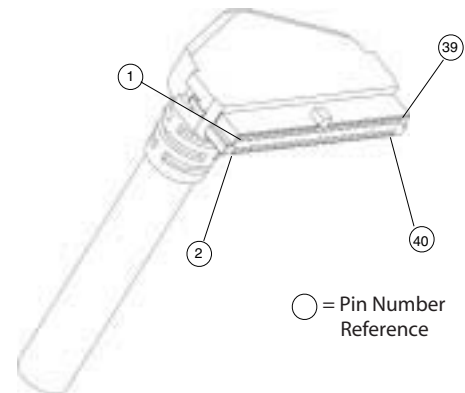
#### Pinouts

##### Digital Pre-Wired Cables

The following diagrams illustrate how the individual conductors in the digital pre-wired cables are terminated at both ends. The description listed first is the wire color of the conductor connected to the removable terminal block (Bulletin 1746, 1756, and 1769 I/O) or wiring arm (1771 I/O). The number that follows in parentheses is the corresponding -pin number of the PanelConnect™ mating connect



##### I/O pin Connector Definition



PanelConnect Mating Connector