

**NO:** CON-023  
**DATE:** August 2009

**PRODUCT:** XN2 Standard Connectors  
**TYPE:** PRODUCT RELEASE



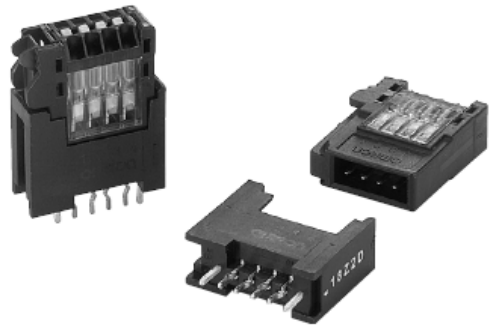
**XN2 Series Expanded:**

**Easy-wire Connectors with *e-CON\** Specifications:  
 Ideal for Sensors and also Board to wire connection**

Omron Electronic Components has broadened its connector offering by releasing new XN2 models to meet growing global needs.

**Product Positioning**

- **Background for Connector release:** the primary focus application for the existing XN2's has been for Non-waterproof, Sensor I/O connectors, which only need 4 standard contacts (pins). However, there are many more opportunities that extend beyond this initial focus to include standard "Board to Wire" connector usage. To satisfy this market need, we will expand the line and present a low cost version with additional contact offerings (3, 5, 6 and 8Pins).
- The differences between the existing and new XN2 models include the terminal materials and an expanded variety of pin counts.



**New series XN2\* - \*\*7\***

- Contacts: Gold
- Terminals: Tin plating
- Number of contacts: 3,4,5,6,8 (XN2B: only 4pins)

**Selling & Competitor Information**

**Omron's Advantages**

- Easy connection: No special tool required
- Easy to rewire and repair
- Each connector accepts any size wire from AWG28 to AWG20.

	Terminal method to Cable	Tool	Repair	Strip wire	Wire gage
<b>Omron</b>	Spring Clamps	No	Yes	Yes	One connector accept AWG28 to AWG20
Competitor	IDC	Yes	No	No	Need each connectors for different wire gage

## Target Applications

- Industrial Automation (Sensors, Safety unit for sensors, Sensor station, I/O slave, Solenoid valve, Temperature control, Semiconductor Equipment, Tester etc)
- New application (Gaming machine, Building control system, Parking management system, Security system, Automatic door control etc.)
- Wire harness maker/ maintenance company

## Competitor Information

- Tyco
- 3M
- Panasonic (They will discontinue it on Sept. 2010.)

Cross Reference

-> Please attach the PDF file here

## Literature Support

The New [XN2](#) datasheet is now available and downloadable in PDF format by clicking [HERE](#).