



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

■ OMRON G79-□C, G79-Y□C, and G79-O□C-□ Cables

Model/name	Application	Appearance	Ordering Information																																																				
G79-□C Cable with Connectors (1 to 1)	Connecting to OMRON's C200H-OD215, C200H-MD215, or C500-OD415CN PLC Units (Output Unit: 24-pin connector model) Note: The G79-□C Cable can be used with Single-digit Displays but not with Multiple-digit Displays.	<p>Connection</p> <p>PLC Connector pin No. (Line A Line B)</p> <table border="1"> <tr><td>1</td><td>(20)</td><td>1</td><td>(19)</td></tr> <tr><td>2</td><td>(18)</td><td>2</td><td>(17)</td></tr> <tr><td>3</td><td>(16)</td><td>3</td><td>(15)</td></tr> <tr><td>4</td><td>(14)</td><td>4</td><td>(13)</td></tr> <tr><td>5</td><td>(12)</td><td>5</td><td>(11)</td></tr> <tr><td>6</td><td>(10)</td><td>6</td><td>(9)</td></tr> <tr><td>7</td><td>(8)</td><td>7</td><td>(7)</td></tr> <tr><td>8</td><td>(6)</td><td>8</td><td>(5)</td></tr> <tr><td>9</td><td>(4)</td><td>9</td><td>(3)</td></tr> <tr><td>10</td><td>(2)</td><td>10</td><td>(1)</td></tr> </table> <p>M7E Mother Board side Connector pin No.</p> <p>Triangle mark</p> <p>Note: The numbers in parentheses are the pin numbers for the XG4M-2030 Connector.</p>	1	(20)	1	(19)	2	(18)	2	(17)	3	(16)	3	(15)	4	(14)	4	(13)	5	(12)	5	(11)	6	(10)	6	(9)	7	(8)	7	(7)	8	(6)	8	(5)	9	(4)	9	(3)	10	(2)	10	(1)	<table border="1"> <thead> <tr> <th>L Dimension</th> <th>Model</th> </tr> </thead> <tbody> <tr><td>1,000 mm</td><td>G79-100C</td></tr> <tr><td>1,500 mm</td><td>G79-150C</td></tr> <tr><td>2,000 mm</td><td>G79-200C</td></tr> <tr><td>3,000 mm</td><td>G79-300C</td></tr> <tr><td>5,000 mm</td><td>G79-500C</td></tr> </tbody> </table>	L Dimension	Model	1,000 mm	G79-100C	1,500 mm	G79-150C	2,000 mm	G79-200C	3,000 mm	G79-300C	5,000 mm	G79-500C
1	(20)	1	(19)																																																				
2	(18)	2	(17)																																																				
3	(16)	3	(15)																																																				
4	(14)	4	(13)																																																				
5	(12)	5	(11)																																																				
6	(10)	6	(9)																																																				
7	(8)	7	(7)																																																				
8	(6)	8	(5)																																																				
9	(4)	9	(3)																																																				
10	(2)	10	(1)																																																				
L Dimension	Model																																																						
1,000 mm	G79-100C																																																						
1,500 mm	G79-150C																																																						
2,000 mm	G79-200C																																																						
3,000 mm	G79-300C																																																						
5,000 mm	G79-500C																																																						
G79-Y□C Cable with Crimp-style Terminals	Connecting to OMRON's C200H-OD212, C500-OD412, CS1W-OD211, or CJ1W-OD211 PLC Units (Output Unit: Terminal block model)	<p>The corresponding terminal number of M7E is attached to each lead wire.</p> <p>Triangle mark</p>	<table border="1"> <thead> <tr> <th>L Dimension</th> <th>Model</th> </tr> </thead> <tbody> <tr><td>1,000 mm</td><td>G79-Y100C</td></tr> <tr><td>1,500 mm</td><td>G79-Y150C</td></tr> <tr><td>2,000 mm</td><td>G79-Y200C</td></tr> <tr><td>3,000 mm</td><td>G79-Y300C</td></tr> <tr><td>5,000 mm</td><td>G79-Y500C</td></tr> </tbody> </table>	L Dimension	Model	1,000 mm	G79-Y100C	1,500 mm	G79-Y150C	2,000 mm	G79-Y200C	3,000 mm	G79-Y300C	5,000 mm	G79-Y500C																																								
L Dimension	Model																																																						
1,000 mm	G79-Y100C																																																						
1,500 mm	G79-Y150C																																																						
2,000 mm	G79-Y200C																																																						
3,000 mm	G79-Y300C																																																						
5,000 mm	G79-Y500C																																																						
G79-O□C-□ Cable with Connectors (1 to 2)	Connecting to OMRON's C500-OD213, C200H-OD218, C200H-OD219, CQM1-OD213, CS1W-OD211, CJ1W-OD211, CS1W-MD261, CJ1W-OD231, or CJ1W-OD261 PLC Units (Output Unit: 40-pin connector model)	<p>PLC Connector pin No.</p> <p>M7E Mother Board side Connector pin No.</p> <p>Triangle mark</p> <p>Note: The numbers in parentheses are the pin numbers for the XG4M-2030 Connector.</p>	<table border="1"> <thead> <tr> <th rowspan="2">L Dimension</th> <th colspan="2">Model (for output)</th> </tr> <tr> <th>A</th> <th>B</th> <th>Model</th> </tr> </thead> <tbody> <tr><td>1,000</td><td>750</td><td></td><td>G79-O100C-75</td></tr> <tr><td>1,500</td><td>1,250</td><td></td><td>G79-O150C-125</td></tr> <tr><td>2,000</td><td>1,750</td><td></td><td>G79-O200C-175</td></tr> <tr><td>3,000</td><td>2,750</td><td></td><td>G79-O300C-275</td></tr> <tr><td>5,000</td><td>4,750</td><td></td><td>G79-O500C-475</td></tr> </tbody> </table> <p>Note: When using a controller other than the PLC or another company's PLC, be sure to check the terminal arrangement of the connector of the controller or the PLC.</p>	L Dimension	Model (for output)		A	B	Model	1,000	750		G79-O100C-75	1,500	1,250		G79-O150C-125	2,000	1,750		G79-O200C-175	3,000	2,750		G79-O300C-275	5,000	4,750		G79-O500C-475																										
L Dimension	Model (for output)																																																						
	A	B	Model																																																				
1,000	750		G79-O100C-75																																																				
1,500	1,250		G79-O150C-125																																																				
2,000	1,750		G79-O200C-175																																																				
3,000	2,750		G79-O300C-275																																																				
5,000	4,750		G79-O500C-475																																																				

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.
To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

In the interest of product improvement, specifications are subject to change without notice.

Read and Understand This Catalog

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

Warranty and Limitations of Liability

WARRANTY

OMRON's exclusive warranty is that the products are free from defects in materials and workmanship for a period of one year (or other period if specified) from date of sale by OMRON.

OMRON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, REGARDING NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR PARTICULAR PURPOSE OF THE PRODUCTS. ANY BUYER OR USER ACKNOWLEDGES THAT THE BUYER OR USER ALONE HAS DETERMINED THAT THE PRODUCTS WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE. OMRON DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.

LIMITATIONS OF LIABILITY

OMRON SHALL NOT BE RESPONSIBLE FOR SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCTS, WHETHER SUCH CLAIM IS BASED ON CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY.

In no event shall the responsibility of OMRON for any act exceed the individual price of the product on which liability is asserted.

IN NO EVENT SHALL OMRON BE RESPONSIBLE FOR WARRANTY, REPAIR, OR OTHER CLAIMS REGARDING THE PRODUCTS UNLESS OMRON'S ANALYSIS CONFIRMS THAT THE PRODUCTS WERE PROPERLY HANDLED, STORED, INSTALLED, AND MAINTAINED AND NOT SUBJECT TO CONTAMINATION, ABUSE, MISUSE, OR INAPPROPRIATE MODIFICATION OR REPAIR.

Application Considerations

SUITABILITY FOR USE

OMRON shall not be responsible for conformity with any standards, codes, or regulations that apply to the combination of products in the customer's application or use of the products.

At the customer's request, OMRON will provide applicable third party certification documents identifying ratings and limitations of use that apply to the products. This information by itself is not sufficient for a complete determination of the suitability of the products in combination with the end product, machine, system, or other application or use.

The following are some examples of applications for which particular attention must be given. This is not intended to be an exhaustive list of all possible uses of the products, nor is it intended to imply that the uses listed may be suitable for the products:

- Outdoor use, uses involving potential chemical contamination or electrical interference, or conditions or uses not described in this catalog.
- Nuclear energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
- Systems, machines, and equipment that could present a risk to life or property.

Please know and observe all prohibitions of use applicable to the products.

NEVER USE THE PRODUCTS FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCTS ARE PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

PROGRAMMABLE PRODUCTS

OMRON shall not be responsible for the user's programming of a programmable product, or any consequence thereof.

Disclaimers

CHANGE IN SPECIFICATIONS

Product specifications and accessories may be changed at any time based on improvements and other reasons.

It is our practice to change model numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the products may be changed without any notice. When in doubt, special model numbers may be assigned to fix or establish key specifications for your application on your request. Please consult with your OMRON representative at any time to confirm actual specifications of purchased products.

DIMENSIONS AND WEIGHTS

Dimensions and weights are nominal and are not to be used for manufacturing purposes, even when tolerances are shown.

PERFORMANCE DATA

Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of OMRON's test conditions, and the users must correlate it to actual application requirements. Actual performance is subject to the OMRON Warranty and Limitations of Liability.

ERRORS AND OMISSIONS

The information in this document has been carefully checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical, or proofreading errors, or omissions.

2009.8

In the interest of product improvement, specifications are subject to change without notice.

OMRON Corporation
Industrial Automation Company

<http://www.ia.omron.com/>

(c)Copyright OMRON Corporation 2009 All Right Reserved.



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com