

**IE-AD-M12XRJ45-90****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| Version    | Adapter, RJ45 90&deg;, M12, Cat.6A / Class EA<br>(ISO/IEC 11801 2010), IP67, M12 socket to<br>RJ45 socket |
| Order No.  | <a href="#">1400610000</a>                                                                                |
| Type       | IE-AD-M12XRJ45-90                                                                                         |
| GTIN (EAN) | 4050118202519                                                                                             |
| Qty.       | 10 pc(s).                                                                                                 |

Creation date September 16, 2022 4:33:21 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|                      |        |                      |      |
|----------------------|--------|----------------------|------|
| Wall thickness, min. | 0.9 mm | Wall thickness, max. | 3 mm |
| Net weight           | 6.2 g  |                      |      |

## Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -25 °C...85 °C |
|-----------------------|----------------|

## Environmental Product Compliance

|                |      |                                      |
|----------------|------|--------------------------------------|
| REACH SVHC     | SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |
| Lead 7439-92-1 |      |                                      |

## Technical data customisable plug-in connectors

|                     |                                                                |                       |              |
|---------------------|----------------------------------------------------------------|-----------------------|--------------|
| Category            | Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) | Coding                | X            |
| Contact surface     | Gold-plated                                                    | Housing main material | Zinc diecast |
| Insulation strength | 100 MΩ                                                         | Number of poles       | 8            |
| Plugging cycles     | ≥ 100 (M12), 750 (RJ45)                                        | Protection degree     | IP67         |
| Rated voltage       | 50 V                                                           |                       |              |

## General Info

|                        |                 |                  |                                                                |
|------------------------|-----------------|------------------|----------------------------------------------------------------|
| Connection 1           | RJ45 90&deg;    | Connection 2     | M12                                                            |
| Description of article | Adapter, angled | Configuration    | M12 socket to RJ45 socket                                      |
| Housing main material  | Zinc diecast    | Category         | Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| Connection thread      | M12             | Contact material | Copper alloy                                                   |
| Contact surface        | Gold-plated     | Shielding        | 360&deg; shield contact                                        |
| Protection degree      | IP67            | Plugging cycles  | ≥ 100 (M12), 750 (RJ45)                                        |

## Electrical properties

|                     |        |               |      |
|---------------------|--------|---------------|------|
| Insulation strength | 100 MΩ | Rated voltage | 50 V |
|---------------------|--------|---------------|------|

## Standards

|                    |                                 |
|--------------------|---------------------------------|
| Connector standard | IEC 61076-2-109, IEC 60603-7-51 |
|--------------------|---------------------------------|

## General technical specifications

|                       |              |                     |                         |
|-----------------------|--------------|---------------------|-------------------------|
| Coding                | X            | Connection thread   | M12                     |
| Contact material      | Copper alloy | Contact surface     | Gold-plated             |
| Housing main material | Zinc diecast | Insulation strength | 100 MΩ                  |
| Number of poles       | 8            | Plugging cycles     | ≥ 100 (M12), 750 (RJ45) |
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## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000313    | ETIM 7.0    | EC000313    |
| ETIM 8.0    | EC000313    | ECLASS 9.0  | 27-44-03-20 |
| ECLASS 9.1  | 19-17-01-25 | ECLASS 10.0 | 27-44-03-20 |
| ECLASS 11.0 | 27-44-03-20 | ECLASS 12.0 | 27-44-03-20 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E316369    |

## Downloads

|                                             |                                                                                                                                               |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">DUXR.E316369</a><br><a href="#">PROFINET Manufacturer's Declaration</a>                                                           |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                               |
| Product Change Notification                 | <a href="#">20200827 Technische Änderung zu M12-X-codeRJ45 Adapter</a><br><a href="#">20200827 Technical change to M12 X-codeRJ45 adapter</a> |
| User Documentation                          | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a><br><a href="#">Manual</a>                                                  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                      |
| Brochures                                   | <a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a><br><a href="#">PI PROFINET CABLING EN</a>                         |

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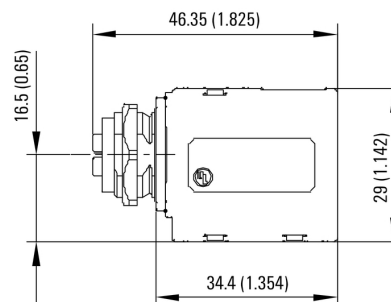
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

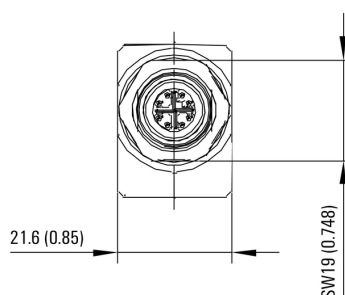
### Product image



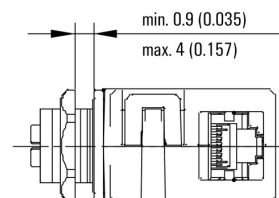
### Dimensioned drawing



### Dimensioned drawing

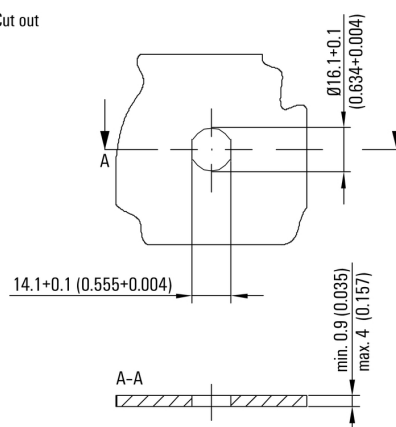


### Dimensioned drawing



### Installation cut-out

Cut out



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## Drawings

### Wiring

