

IE-M12-COUP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|---|
| Version | Coupling, M12, M12, Cat.5 (ISO/IEC 11801), IP67 |
| Order No. | 8901640000 |
| Type | IE-M12-COUP |
| GTIN (EAN) | 4032248658206 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 36 g |
|------------|------|

Temperatures

| | |
|-----------------------|------------------|
| Operating temperature | -40 °C... 105 °C |
|-----------------------|------------------|

Technical data customisable plug-in connectors

| | | | |
|-------------------|-----------------------|-----------------------|---|
| Category | Cat.5 (ISO/IEC 11801) | Coding | D |
| Contact surface | | Housing main material | Fiberglass-reinforced polyamide, Brass, nickel-plated |
| | 100 MΩ | | |
| Number of poles | 4 | Plugging cycles | ≥ 100 |
| Protection degree | IP67 | | |

General Info

| | | | |
|-------------------|---------------------------|------------------------|---|
| Number of poles | 4 | Connection 1 | M12 |
| Connection 2 | M12 | Description of article | Coupling |
| Configuration | | Housing main material | Fiberglass-reinforced polyamide, Brass, nickel-plated |
| | M12 socket to RJ45 socket | | |
| Category | Cat.5 (ISO/IEC 11801) | Connection thread | M12 |
| Contact surface | 100 MΩ | Shielding | 360°; shield contact |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

Electrical properties

| | | | |
|--|----------------|---------------------------------------|----------------|
| Dielectric strength, contact / contact | ≥ 1000 V AC/DC | Dielectric strength, contact / shield | ≥ 1000 V AC/DC |
|--|----------------|---------------------------------------|----------------|

Standards

| | |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

General technical specifications

| | | | |
|-------------------|--------|-----------------------|---|
| Coding | D | Connection thread | M12 |
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| | 100 MΩ | | |
| Number of poles | 4 | Plugging cycles | ≥ 100 |
| Protection degree | IP67 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000313 | ETIM 7.0 | EC000313 |
| ETIM 8.0 | EC000313 | ETIM 9.0 | EC000313 |
| ECLASS 9.0 | 27-44-01-06 | ECLASS 9.1 | 27-44-03-90 |
| ECLASS 10.0 | 27-44-01-06 | ECLASS 11.0 | 27-44-01-06 |
| ECLASS 12.0 | 27-44-03-20 | ECLASS 13.0 | 27-44-03-20 |
| ECLASS 14.0 | 27-44-03-20 | | |

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www.weidmueller.com**Technical data****Environmental Product Compliance**

| | |
|------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | d1193a9e-dc7c-484a-ba48-176711eb392b |
| RoHS Compliance Status | Compliant |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | GOST Approval PROFINET Manufacturer's Declaration |
| Engineering Data | CAD data – STEP |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN |

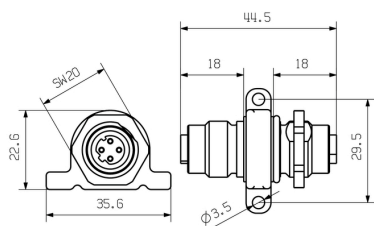
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Drawings

Dimensioned drawing



Dimensioned drawing

