



Pushing Performance  
Since 1945

# M12-ADPT-M12/M12-8/8P-ACOD-M/F/F-STR



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 311 6801                                                                        |
| Specification      | M12-ADPT-M12/M12-8/8P-ACOD-M/F/F-STR                                                  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033116801">https://b2b.harting.com/21033116801</a> |

## Identification

|                   |                         |
|-------------------|-------------------------|
| Category          | Accessories             |
| Series            | Circular connectors M12 |
| Connector 1       | Female                  |
|                   | 8 poles                 |
|                   | A-coding                |
| Connector 2       | Female                  |
|                   | 8 poles                 |
|                   | A-coding                |
| Type of accessory | Y-distributor           |

## Version

|                    |            |
|--------------------|------------|
| Gender             | Male       |
|                    | Female     |
| Shielding          | Unshielded |
| Number of contacts | 8          |
| Coding             | A-coding   |

## Technical characteristics

|                                        |                      |
|----------------------------------------|----------------------|
| Rated current                          | 2 A                  |
| Rated voltage                          | 30 V                 |
| Limiting temperature                   | -30 ... +85 °C       |
| Mating cycles                          | ≥100                 |
| Degree of protection acc. to IEC 60529 | IP67 mated condition |



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## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polyamide (PA)                                         |
| Material (contacts)                       | Copper alloy                                           |
| Surface (contacts)                        | Au over Ni Mating side                                 |
| Material (hood/housing)                   | Thermoplastic polyurethane (TPU)                       |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| ECHA SCIP number                          | 0d7d3693-d625-47ab-934a-d241bf72c86e                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-101 |
|----------------|-----------------|

## Commercial data

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Packaging size                 | 1                                          |
| Net weight                     | 27.4 g                                     |
| Country of origin              | Germany                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140236622                              |
| ETIM                           | EC002943                                   |
| eCl@ss                         | 27440292 Connector component (accessories) |



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#### Pin assignment

