

M12-Screw-8P-ACOD-F-ANG



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

| | |
|--------------------|---|
| Part number | 21 03 319 4801 |
| Specification | M12-Screw-8P-ACOD-F-ANG |
| HARTING eCatalogue | https://b2b.harting.com/21033194801 |

Identification

| | |
|---------------|-------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Element | Cable connector |
| Specification | Angled |

Version

| | |
|--------------------|-------------------|
| Termination method | Screw termination |
| Gender | Female |
| Locking type | Screw locking |
| Shielding | Unshielded |
| Number of contacts | 8 |
| Coding | A-coding |

Technical characteristics

| | |
|-------------------------|--------------------------|
| Conductor cross-section | 0.5 mm ² max. |
| Conductor cross-section | AWG 20 |
| Rated current | 2 A |
| Rated voltage | 30 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.6 Nm |



Pushing Performance

Technical characteristics

| | |
|---|-----------------|
| Wrench size (knurled screw / knurled nut) | 18 |
| Ambient temperature | -30 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP67 when mated |
| Cable diameter | 4 ... 8 mm |
| Overvoltage category | III |
| Isolation group | I (600 ≤ CTI) |

Material properties

| | |
|-----------------------------|--|
| Material (insert) | Polyamide (PA) |
| Material (contacts) | Brass |
| Surface (contacts) | Gold plated |
| Material (hood/housing) | Polyamide (PA) Zinc die-cast |
| 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |

Specifications and approvals

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

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 34.7 g |
| Country of origin | Czechia |
| European customs tariff number | 85366990 |
| eCl@ss | 27440102 Circular connector (for field assembly) |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HARTING:](#)

[21033194801](#)