

M12 PushPull 8-pole A-coded female



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

| | |
|--------------------|---|
| Part number | 21 03 821 2830 |
| Specification | M12 PushPull 8-pole A-coded female |
| HARTING eCatalogue | https://b2b.harting.com/21038212830 |

Identification

| | |
|----------------|-------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | PushPull |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 8 |
| Coding | A-coding |
| Locking type | PushPull |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.33 mm ² |
| Conductor cross-section | AWG 26 ... AWG 22 |
| Wire outer diameter | ≤1.65 mm |
| Rated current | 2 A |
| Rated voltage | 30 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |



Pushing Performance

Technical characteristics

| | |
|--|-----------------------------|
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Ambient temperature | -40 ... +85 °C |
| Mating cycles | ≥ 500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter | 5.7 ... 8.8 mm |
| Isolation group | I ($600 \leq \text{CTI}$) |

Material properties

| | |
|-----------------------------|------------------------------|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (hood/housing) | Zinc die-cast |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-2-101 |
| UL / CSA | UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521 |

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 54.33 g |
| Country of origin | Romania |
| European customs tariff number | 85389099 |
| eCl@ss | 27440102 Circular connector (for field assembly) |

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