



Pushing Performance
Since 1945

M12-SD-CC-CRIMP-8P-YCOD-M-STR-SHLD



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

| | |
|--------------------|---|
| Part number | 21 03 861 1825 |
| Specification | M12-SD-CC-CRIMP-8P-YCOD-M-STR-SHLD |
| HARTING eCatalogue | https://harting.com/21038611825 |

Identification

| | |
|----------------|---------------------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | Power |
| Element | Cable connector Panel feed through |
| Specification | for rear mounting |

Version

| | |
|--------------------------|---|
| Termination method | Crimp termination |
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 8 |
| Number of data contacts | 4 |
| Number of power contacts | 4 |
| Coding | Y-coding |
| Locking type | Screw locking PushPull |
| Details | Please order crimp contacts separately. |
| Details | For Fast Ethernet applications only |

Technical characteristics

| | |
|-------------------------|---|
| Conductor cross-section | 0.13 ... 0.82 mm ² 0.08 ... 0.25 mm ² Data |
|-------------------------|---|



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Technical characteristics

| | |
|--|---|
| Conductor cross-section [AWG] | AWG 26 ... AWG 18 AWG 28 ... AWG 23 Data |
| Rated current | 6 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Rated current (data) | 0.5 A |
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Limiting 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) | Polyamide (PA) |
| Material (hood/housing) | 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 | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| ECHA SCIP number | 5dbb3851-b94e-4e88-97a1-571845975242 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-113 |
|----------------|-----------------|



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Specifications and approvals

PROFINET Yes

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 45 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140227385 |
| eCl@ss | 27440116 Circular connector (for field assembly) |
| ETIM | EC002635 |
| UNSPSC 24.0 | 39121413 |