

## M12-PCB-SMT-2PC-8P-ACOD-F-STR



Part number	21 03 311 2810
Specification	M12-PCB-SMT-2PC-8P-ACOD-F-STR
HARTING eCatalogue	<a href="https://b2b.harting.com/21033112810">https://b2b.harting.com/21033112810</a>

### Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

### Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Shielding	Unshielded
Number of contacts	8
Coding	A-coding
Details	Order housings separately

### Technical characteristics

Rated current	2 A
Rated voltage	30 V
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Overvoltage category	III
Isolation group	I ( $600 \leq \text{CTI}$ )



Pushing Performance

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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
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## Commercial data

Packaging size	25
Net weight	2.346 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440402 PCB connector