

## PCB receptacle female front A-cod 8-pole



Part number	21 03 321 2831
Specification	PCB receptacle female front A-cod 8-pole
HARTING eCatalogue	<a href="https://b2b.harting.com/21033212831">https://b2b.harting.com/21033212831</a>

### Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight incl. housing for front mounting

### Version

Termination method	Reflow soldering termination (THR/SMC)
Gender	Female
Locking type	Screw locking PushPull
Shielding	Shielded
Number of contacts	8
Coding	A-coding

### Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$> 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$



## Technical characteristics

Degree of protection acc. to IEC 60529	IP67
Overvoltage category	III
Isolation group	I ( $600 \leq CTI$ )

## Material properties

Material (insert)	LCP
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6c: 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	60
Net weight	27.25 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440402 PCB connector