

# PCB receptacle female back A-cod 8-pole



Part number	21 03 321 2830
Specification	PCB receptacle female back A-cod 8-pole
HARTING eCatalogue	https://b2b.harting.com/21033212830

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

## Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
	Straight
Specification	incl. housing
	for rear mounting

#### Version

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

#### Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut



## Technical characteristics

Limiting temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I (600 ≤ CTI)

# Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
Material flammability class acc. to UL 94	V-0
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 Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-101

# Commercial data

Packaging size	1
Net weight	23 g
Country of origin	Romania
European customs tariff number	85366990

Page 2 / 3 | Creation date 2023-09-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Product data sheet 21 03 321 2830 PCB receptacle female back A-cod 8-pole



## Commercial data

GTIN	5713140137813
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)