

PCB receptacle male back A-cod 8-pole



Part number	21 03 321 1830
Specification	PCB receptacle male back A-cod 8-pole
HARTING eCatalogue	https://b2b.harting.com/21033211830

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

Identification

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

Version

Termination method	Reflow soldering termination (THR)
Gender	Male
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
Dellution degree	2
Pollution degree	3
Overvoltage category	
Over voltage category	
Insulation resistance	>10 ⁸ Ω
Insulation resistance	>10~ \(\)
Contact resistance	≤10 mΩ
CUILACT LESISTATICE	
Tightening torque	2 Nm Lock nut
nymening wique	

Page 1 / 3 | Creation date 2023-01-27 | 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

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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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
ECHA SCIP number	be45dcda-0f90-459a-a8bc-78fb7986a295
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 and approvals Specifications	IEC 61076-2-101
	IEC 61076-2-101 UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Specifications	UL 1977 ECBT2.E102079
Specifications UL / CSA	UL 1977 ECBT2.E102079

Page 2 / 3 | Creation date 2023-01-27 | 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



Commercial data

Net weight	25 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140137745
eCl@ss	27460201 PCB connector (board connector)

Page 3 / 3 | Creation date 2023-01-27 | 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

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