

1424244

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Device connector rear mounting, 6-position, Pin, angled, M8, coding: A, Rear mounting, M8 x 1, Wave soldering

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- Standard pin assignments and codings for signal transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

Commercial data

Item number	1424244
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJAA
GTIN	4046356712569
Weight per piece (including packing)	6.333 g
Weight per piece (excluding packing)	6.333 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Mounting

Mounting type	Rear mounting M8 x 1 With flat nut
Assembly note	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	6
Shielded	yes
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	НВ
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	30 V AC
	30 V DC
Nominal current I _N	2 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin
Tightening torque	1 Nm 1.5 Nm (Installation-side)

Connector

Connection 1

Head design	Pin
Head cable outlet	angled



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Standards/specifications

Head thread type	M8
Coding	A
Environmental and real-life conditions	
Ambient conditions	
Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C 85 °C
	-25 °C 85 °C
Standards and regulations	
Standard designation	M8 circular connector

according to IEC 61076-2-104

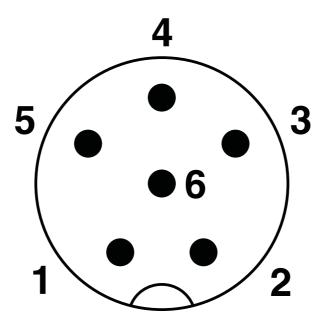


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Drawings

Schematic diagram



Pin assignment M8 plug, 6-pos., view male side



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424244

.7. 1	cUL Recognized Approval ID: E221474-2	0070307			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		30 V	1.5 A	26	-

71	UL Recognized Approval ID: E221474-2	0070307			
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Classifications

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	ECLASS-13.0	27440110	
ETIM			
	ETIM 9.0	EC003568	
UNSPSC			
	UNSPSC 21.0	39121400	



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	76743ec7-8b0b-4087-b075-f767d0e1c465

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