

1440096

https://www.phoenixcontact.com/us/products/1440096

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Device connector rear mounting, 4-position, Pin, angled, M8, coding: A, Rear mounting, M8 x 1, Wave soldering

Your advantages

• Standard pin assignments and codings for signal transmission with a uniform design-in design

Commercial data

Item number	1440096
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB22
Product key	ABQJAA
Catalog page	Page 230 (C-2-2013)
GTIN	4046356480888
Weight per piece (including packing)	4.63 g
Weight per piece (excluding packing)	4.5 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	4
Shielded	no
Coding	A
Thread type	M8

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

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

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	48 V AC
	60 V DC
Nominal current I _N	4 A

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	angled



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	Head thread type	M8
	Coding	A
En	vironmental and real-life conditions	

Ambient conditions

Degree of protection	IP67	
	IP67	
Ambient temperature (operation)	-25 °C 85 °C	
	-25 °C 85 °C	
UL Type Rating	Type 4 (indoor use only)	

Standards and regulations

Standard designation	M8 circular connector
Standards/specifications	according to IEC 61076-2-104

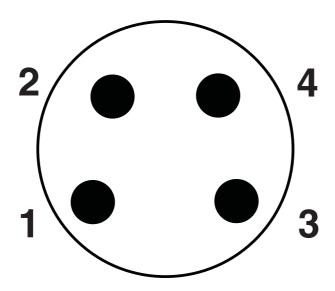


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Drawings

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side



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Classifications

UNSPSC 21.0

F	\mathbb{C}	ΙΔ	9	

	ECLASS-13.0	27440110	
ETIM			
	ETIM 9.0	EC003568	
UNSPSC			

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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	32f01563-8ca8-4184-b00a-1266c5551fd0

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