

1524789

https://www.phoenixcontact.com/us/products/1524789

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 4-position, Socket, straight, M8, A-coding, Wave soldering

Your advantages

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

Commercial data

Item number	1524789
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB22
Product key	ABQJBG
GTIN	4017918950095
Weight per piece (including packing)	5.06 g
Weight per piece (excluding packing)	3.47 g
Customs tariff number	85366990
Country of origin	DE



1524789

https://www.phoenixcontact.com/us/products/1524789

Technical data

Mounting

Mounting type	Rear mounting (M8 x 1, with locking 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

Material Housing	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuSn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	НВ

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	Socket

Connector

Connection 1

Head design	Socket
Head cable outlet	straight



1524789

https://www.phoenixcontact.com/us/products/1524789

Head thread type	M8
Coding	A

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C 85 °C
Ambient temperature (operation)	-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

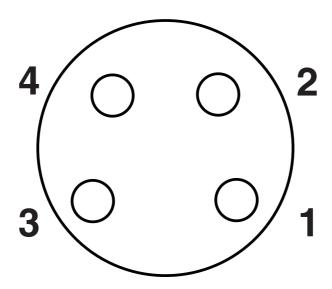


1524789

https://www.phoenixcontact.com/us/products/1524789

Drawings

Schematic diagram



Pin assignment M8 socket, 4-pos., view female side



1524789

https://www.phoenixcontact.com/us/products/1524789

Classifications

ECLASS

	ECLASS-13.0	27440110	
	ECLASS-15.0	27440110	
ETIM			
	ETIM 9.0	EC003568	
U	NSPSC		
	UNSPSC 21.0	39121400	



1524789

https://www.phoenixcontact.com/us/products/1524789

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: n/a)
SCIP	35484a0a-cf23-4768-894d-05475ff64188

Phoenix Contact 2025 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com