

1424235

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Device connector rear mounting, 8-position, Socket, straight, M8, Rear mounting, M10, Solder pins

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	1424235
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	31BAB
Product key	ABQJAB
Catalog page	Page 229 (C-2-2013)
GTIN	4046356712477
Weight per piece (including packing)	6.765 g
Weight per piece (excluding packing)	6.765 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Mounting

Mounting type	Rear mounting M10 With flat nut
Assembly instructions	With flat nut
Product properties	
Product type	Circular connectors (device side)
Number of positions	8
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
Seal material	NBR
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	1.5 A

Connection data

Conductor connection		
Connection method	Solder pins	
Contact connection type	Socket	
Tightening torque	1 Nm 1.5 Nm (Installation-side)	

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 100



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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M8

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

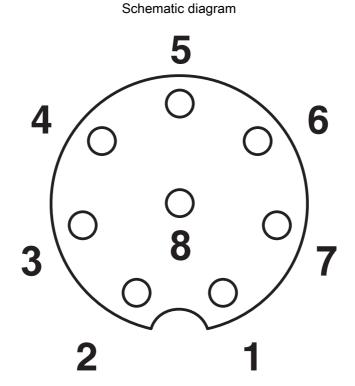
M8		
Standard designation	M8 connector	
Standards/specifications	IEC 61076-2-104	



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Drawings



Connector pin assignment of M8 socket, 8-pos., view of socket side



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Approvals

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Approval ID: E221474-20070307					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		30 V	1.5 A	26 - 26	-

Approval ID: E221474-2007	Approval ID: E221474-20070307			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	1.5 A	26 - 26	-

cULus Recognized

SACC-DSI-M8FS-8CON-M10-L180 SH - Device

connector rear mounting



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Classifications

ECLASS

	ECLASS-11.0	27440102
	ECLASS-12.0	27440116
	ECLASS-13.0	27440116
ET	IM	
	ETIM 9.0	EC002635
UN	SPSC	
	UNSPSC 21.0	39121400



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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