

1456145

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Device connector rear mounting, 3-position, Socket, angled, 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	1456145
Packing unit	20 pc
Minimum order quantity	20 pc
Product key	ABQJAB
Catalog page	Page 228 (C-2-2013)
GTIN	4046356605748
Weight per piece (including packing)	6.977 g
Weight per piece (excluding packing)	6.977 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 note	With flat nut
Pro	oduct properties	
	Deaduct to see	
	Product type	Circular connectors (device side)
	Number of positions	3
	Shielded	yes
	Coding	A
	Thread type	M8
I	nsulation characteristics	
	Overvoltage category	I
	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	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	Solder pins	
Contact connection type	Socket	
Tightening torque	1 Nm 1.5 Nm (Installation-side)	

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 100



1456145

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Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M8

Environmental and real-life conditions

Ambient conditions		
Degree of protection	IP67	
	IP67	
Ambient temperature (operation)	-40 °C 85 °C	

Standards and regulations

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

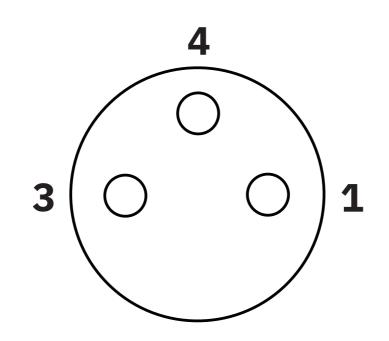


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Drawings

Schematic diagram



Pin assignment M8 socket, 3-pos., view female side



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Approvals

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.	CUL Recognized Approval ID: E221474-2	0070307			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		30 V	4 A	24 - 24	-

UL Recognized Approval ID: E221474-20	0070307			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	4 A	24 - 24	-

cULus Recognized

SACC-DSI-M8FS-3CON-M10-L90 SH - Device

connector rear mounting



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Classifications

ECLASS

	ECLASS-11.0	27440102
	ECLASS-12.0	27440116
	ECLASS-13.0	27440116
ΕT	IM	
	ETIM 9.0	EC002635
UN	SPSC	
	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	6a77e7db-d564-4372-8515-51477e7a94fd

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