

SAC-6P-DTMS-5P-M12FS VA - Adapter



1088172

<https://www.phoenixcontact.com/us/products/1088172>

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Adapter, 5-position, Plug straight DEUTSCH DT04-6P, on Socket straight M12, coding: A



Commercial data

Item number	1088172
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF13
Product key	BF1GGA
GTIN	4055626888521
Weight per piece (including packing)	26.3 g
Weight per piece (excluding packing)	26.3 g
Customs tariff number	85444290
Country of origin	US

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Technical data

Notes

Note on application	Sufficient strain relief at the connection point can prevent premature stress and wear. Utilize tie down accessories to eliminate bending and dynamic loads on the connector.
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Product properties

Product type	M8/M12 adapters
Number of positions	5
Coding	A

Data management status

Article revision	02
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Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	4 A

Material specifications

Flammability rating according to UL 94	V0
Seal material	Viton
Material of grip body	GF nylon
Contact material	CuSn
Contact surface material	Ni/Au M12, Ni/Sn DT
Contact carrier material	GF nylon
Material for screw connection	Stainless steel

Connector

Connection 1

Type	Plug straight DEUTSCH DT04-6P
Number of positions	5

Connection 2

Type	Socket straight M12
Number of positions	5
Coding type	A

Mechanical properties

Mechanical data

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Insertion/withdrawal cycles	≥ 100
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Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67
	IP69K
Ambient temperature (operation)	-40 °C ... 105 °C

Approvals

National Marine Electronics Association	
Certificate	approved

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Standards/specifications	SAE J2030

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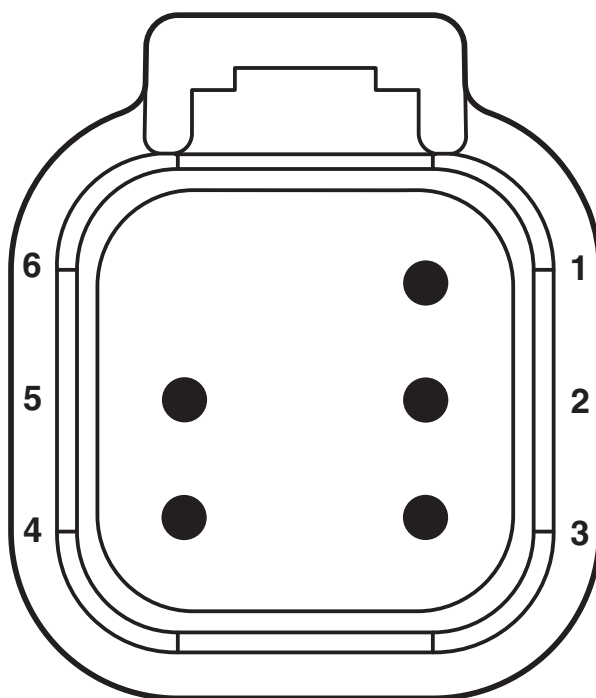
<https://www.phoenixcontact.com/us/products/1088172>

Drawings

Circuit diagram



Schematic diagram



DEUTSCH DT04-5P pin assignment

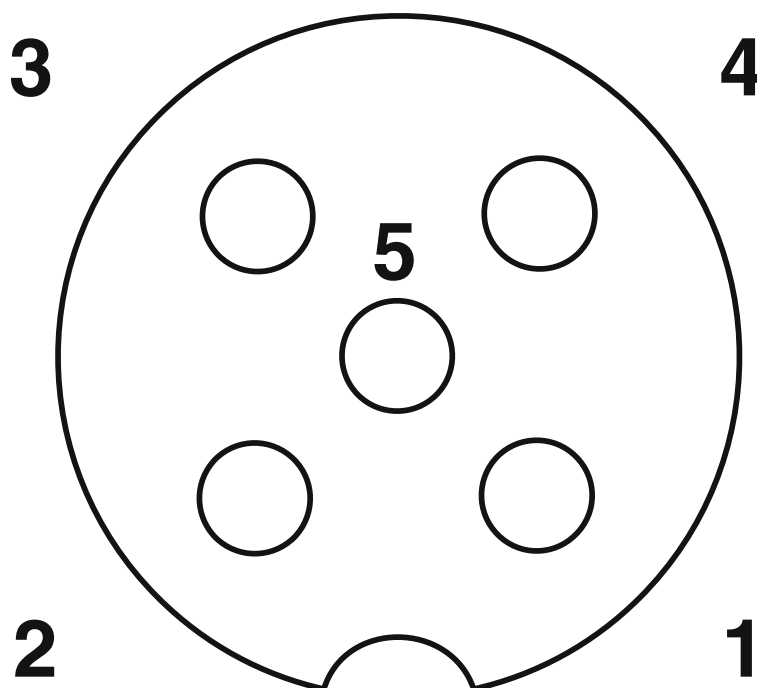
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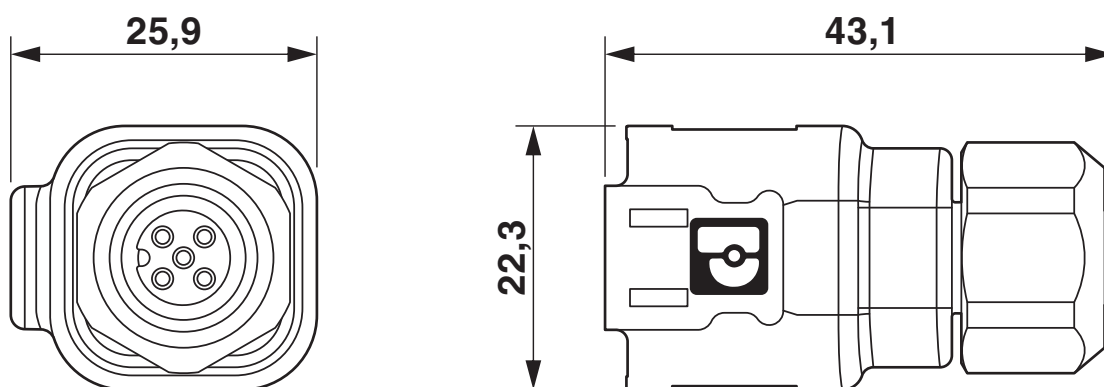
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Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, view female side

Dimensional drawing



DT/M12 adapter

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Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925
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UNSPSC

UNSPSC 21.0	31251500
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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	3084d6ba-0800-4fef-9e55-3d3675ab7c72

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