

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



1088173

<https://www.phoenixcontact.com/us/products/1088173>

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

## Commercial data

Item number	1088173
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF13
Product key	BF1GGA
GTIN	4055626887739
Weight per piece (including packing)	14.15 g
Weight per piece (excluding packing)	14.15 g
Customs tariff number	85444290
Country of origin	CN

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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	01
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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	Plastic

### 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
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## Standards and regulations

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

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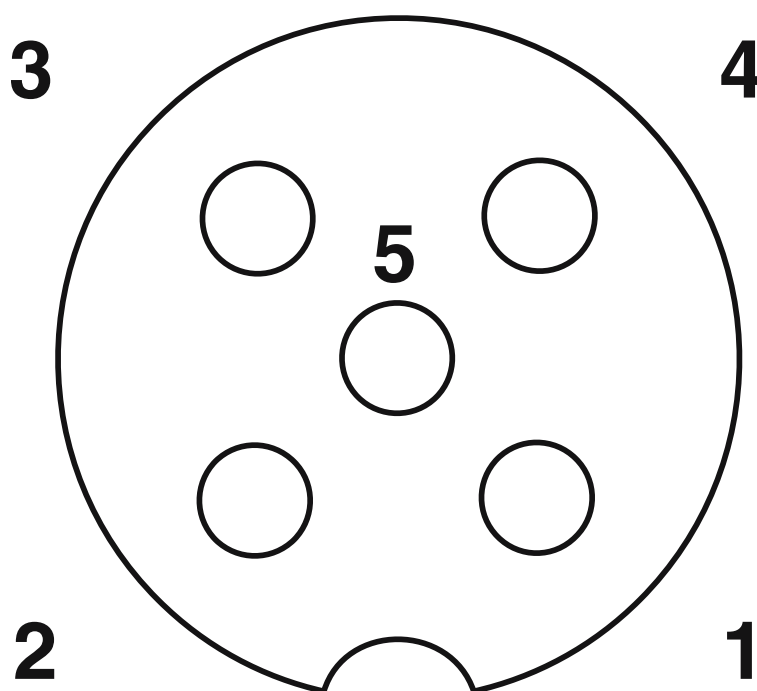
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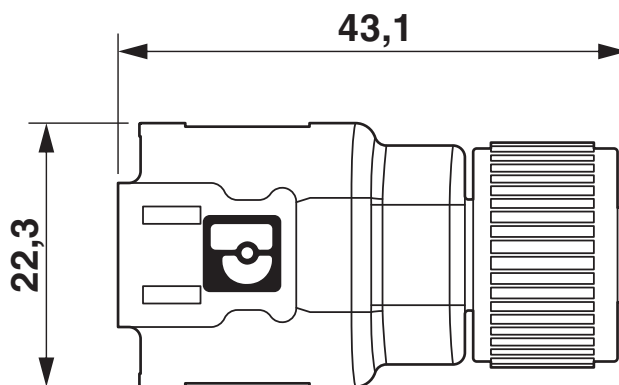
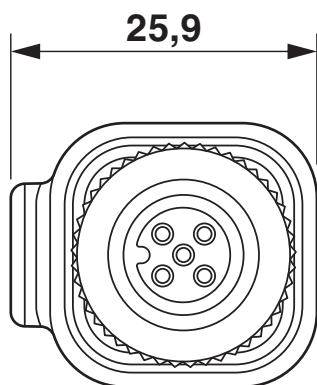
## Drawings

Schematic diagram



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

Dimensional drawing



DT/M12 adapter

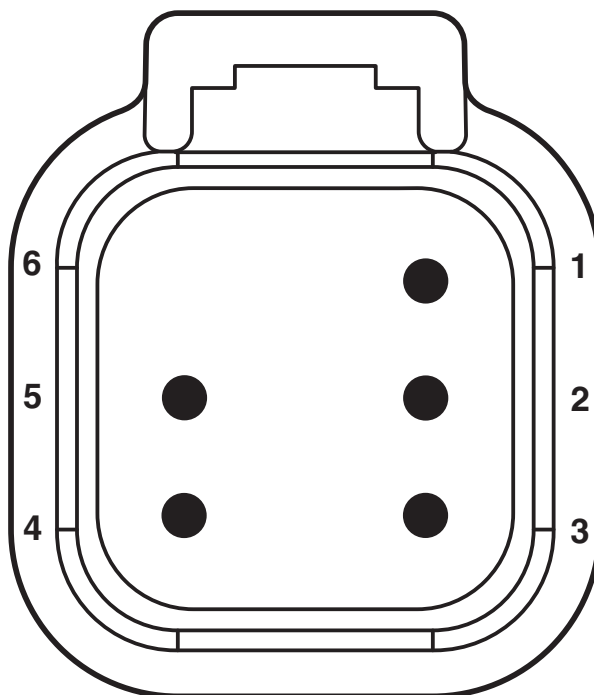
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Schematic diagram



DEUTSCH DT04-5P pin assignment

Circuit diagram



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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	0a7ca152-349d-4d47-a3cd-d3cbb6868578

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