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

Technical data

Notes

General	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.

Product properties

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

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

Insertion/withdrawal cycles	≥ 100

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

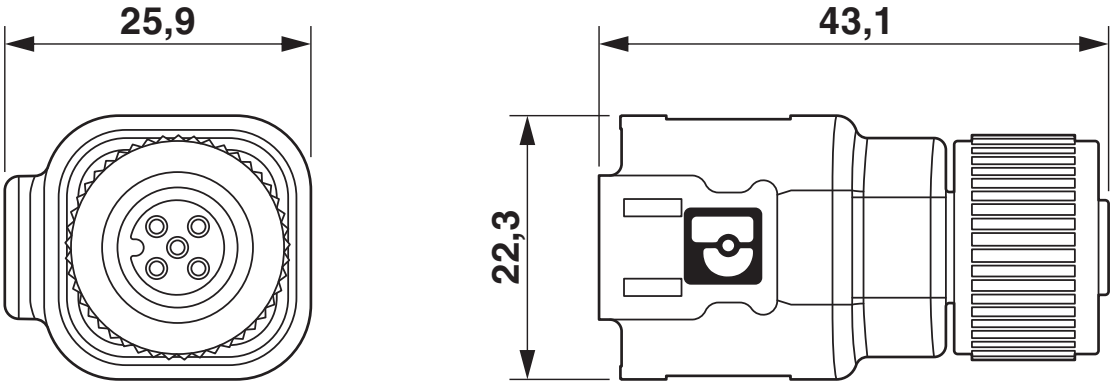
Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Standards/specifications	SAE J2030

Drawings

Circuit diagram

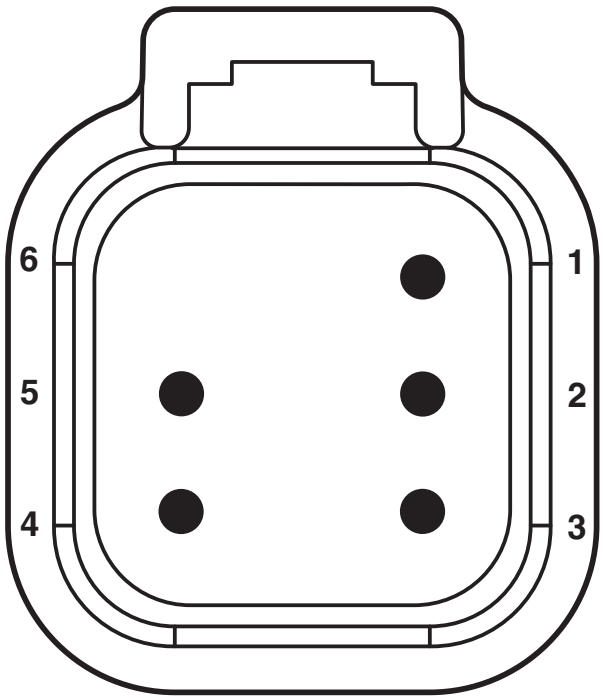


Dimensional drawing



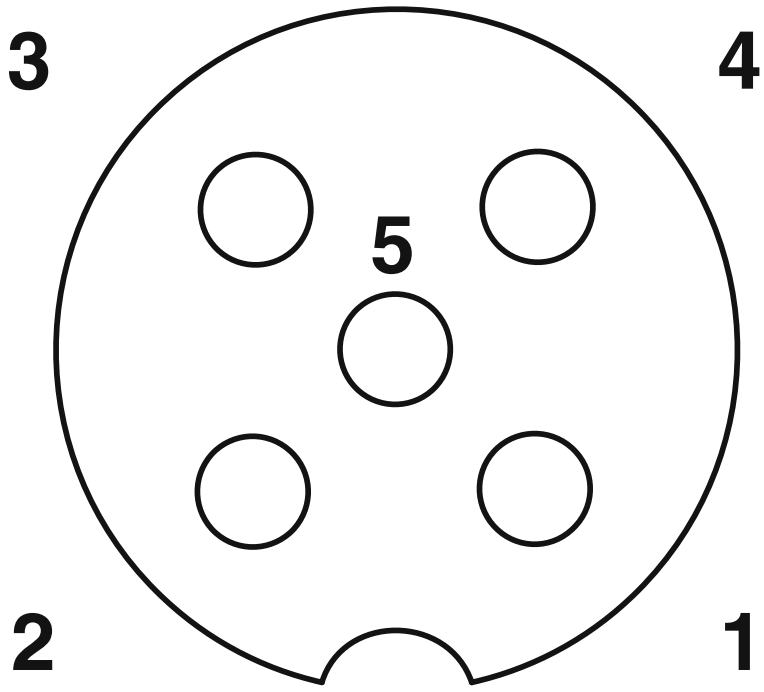
DT/M12 adapter

Schematic diagram



DEUTSCH DT04-5P pin assignment

Schematic diagram



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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

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

Accessories

WT-HF 3,6X140 BK - Cable tie

3240745

https://www.phoenixcontact.com/us/products/3240745



Cable binders for quick and secure bundling, standard version

WT-BASE LS HF 4 BK - Cable binder base

3240707

https://www.phoenixcontact.com/us/products/3240707



Cable binder base, for cable binders up to 4 mm wide, self-adhesive (rubber) and screwable, 4 mm fixing hole, 4-sided cable binder feed-through

EML-HA (15X9)R - Label for rough surfaces

0830600

https://www.phoenixcontact.com/us/products/0830600



Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, lettering field size: 15 x 9 mm, Number of individual labels: 2500

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