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

1088171

https://www.phoenixcontact.com/us/products/1088171

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

Commercial data

Item number	1088171
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF13
Product key	AF1GGA
GTIN	4055626888415
Weight per piece (including packing)	26.6 g
Weight per piece (excluding packing)	26.6 g
Customs tariff number	85444290
Country of origin	US

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.

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
Material grommet GRP	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	Brass, nickel-plated

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

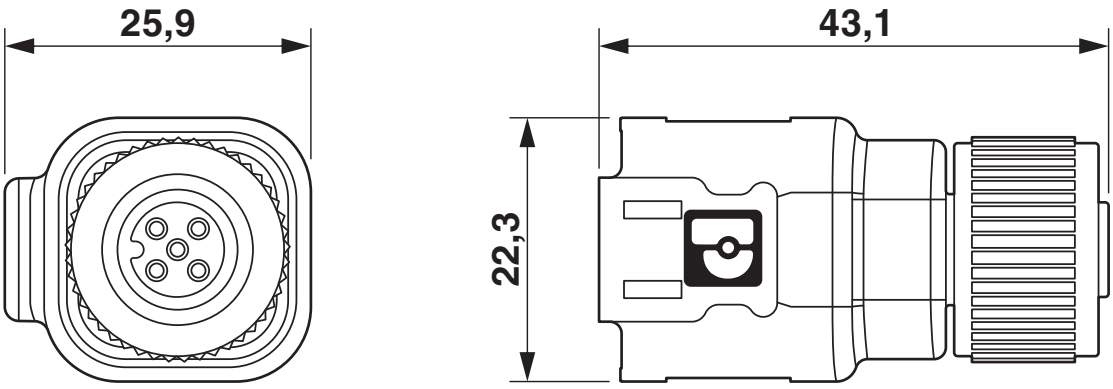
Certificate	approved

Standards and regulations

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

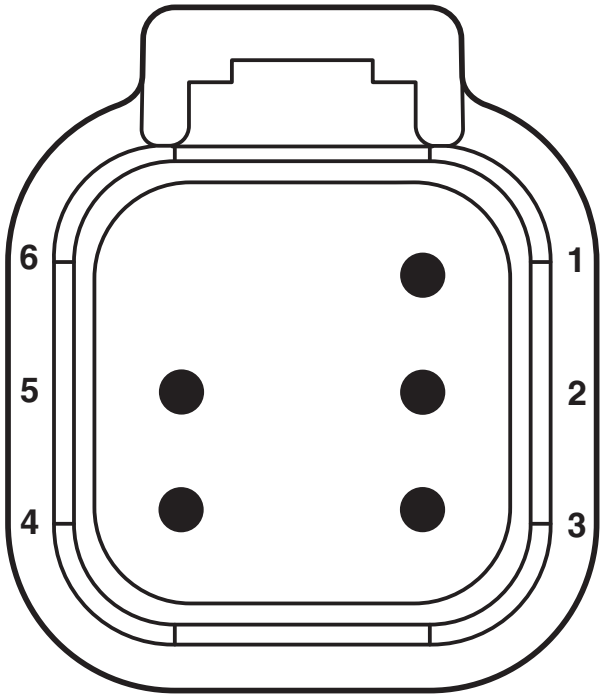
Drawings

Dimensional drawing



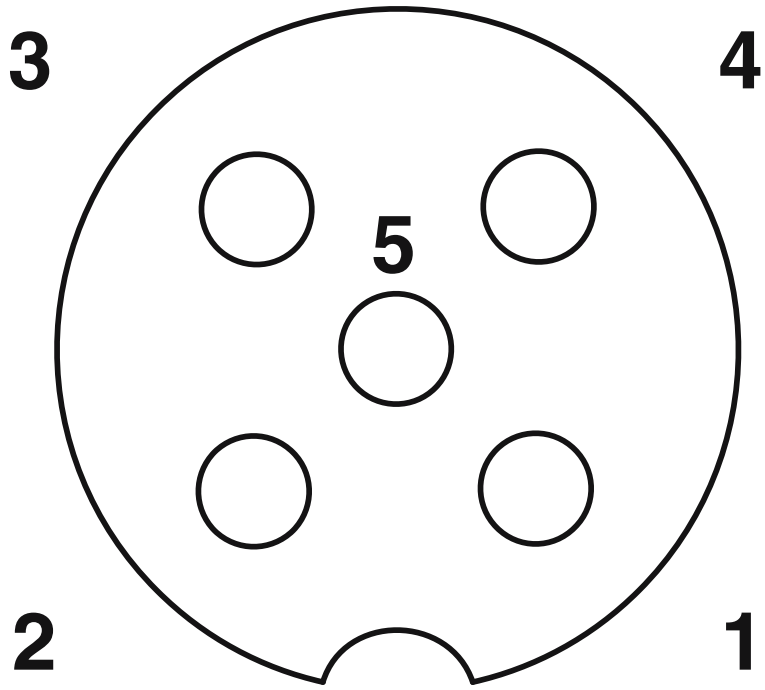
DT/M12 adapter

Schematic diagram



DEUTSCH DT04-5P pin assignment

Schematic diagram



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

Circuit diagram



Contact assignment

Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

ETIM

ETIM 10.0	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	32cfac0c-326b-41c7-8a64-15f80eab33f5

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