

SACC-CIM12FSX8CONL180THRSAMPLE - Sample set



1422992

<https://www.phoenixcontact.com/us/products/1422992>

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Cat6_A flush-type socket, Ethernet, 8-pos., rear mounting, with straight solder connection



Commercial data

Item number	1422992
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABQAGS
GTIN	4055626323572
Weight per piece (including packing)	5.17 g
Weight per piece (excluding packing)	3.049 g
Country of origin	DE

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Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
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Product properties

Product type	Contact insert
Application	Data
Number of positions	8
Shielded	yes
Coding	X
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	1.5 kV
Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$> 100 \text{ M}\Omega$
Nominal voltage U_N	50 V AC 60 V DC
Nominal current I_N	0.5 A
Transmission characteristics (category)	CAT6 _A

Connection data

Connection method	THR solder connection
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Interfaces

Signal type/category	Ethernet CAT6 _A
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Material specifications

Material (Shield crossover)	GD-Zn
Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PPA

Connector

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Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	X

Cable/line

Signal type/category	Ethernet CAT6 _A
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Mechanical properties

Mechanical data

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

Ambient conditions

Degree of protection	IP67 (when plugged in)
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-109

Packaging specifications

Delivery state	with assembly pad
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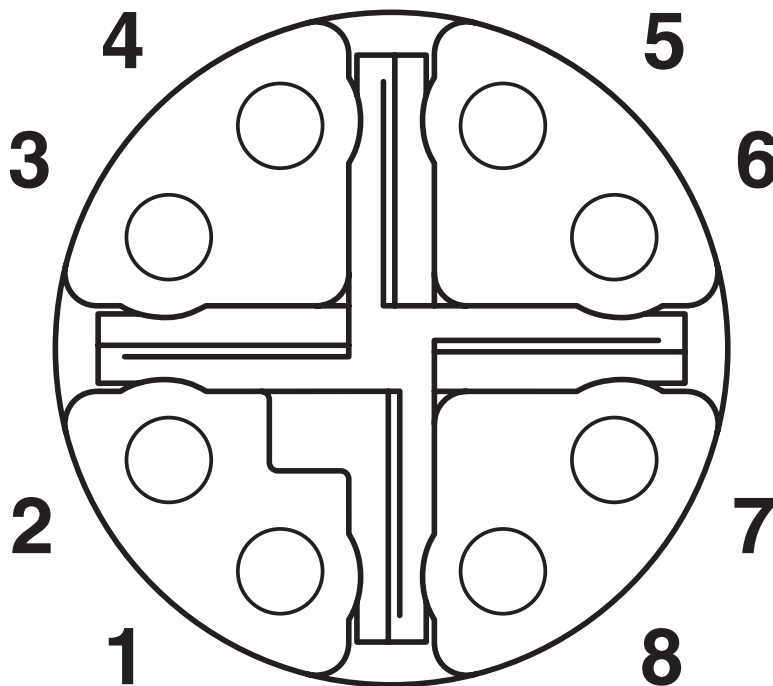


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Drawings

Schematic diagram



Pin assignment M12 connector, 8-pos., view socket side

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Classifications

ETIM

ETIM 9.0	EC003557
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UNSPSC

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	8f30d0e8-5c24-409e-8af3-77a86051fab5

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