

1239308  
<https://www.phoenixcontact.com/us/products/1239308>

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Sample set, Universal, 4-position, Pin, straight, S-coding, THR solder connection, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1239308
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB23
Product key	ABQAGO
GTIN	4063151420918
Weight per piece (including packing)	8.32 g
Weight per piece (excluding packing)	3.42 g
Customs tariff number	85366990
Country of origin	DE



# SACC-CI-M12MSS-4CON-L180THR PE SPX - Sample set



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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	Power
Sensor type	Universal
Number of positions	4
Coding	S

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	630 V
Nominal current $I_N$	12 A

### Connection data

Connection method	THR solder connection
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### Interfaces

Signal type/category	Universal
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### Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 4T

### Connector

#### Connection 1

Head design	Pin
Head cable outlet	straight



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Coding	S
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## Cable/line

Signal type/category	Universal
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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
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 105 °C
	-40 °C ... 105 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)



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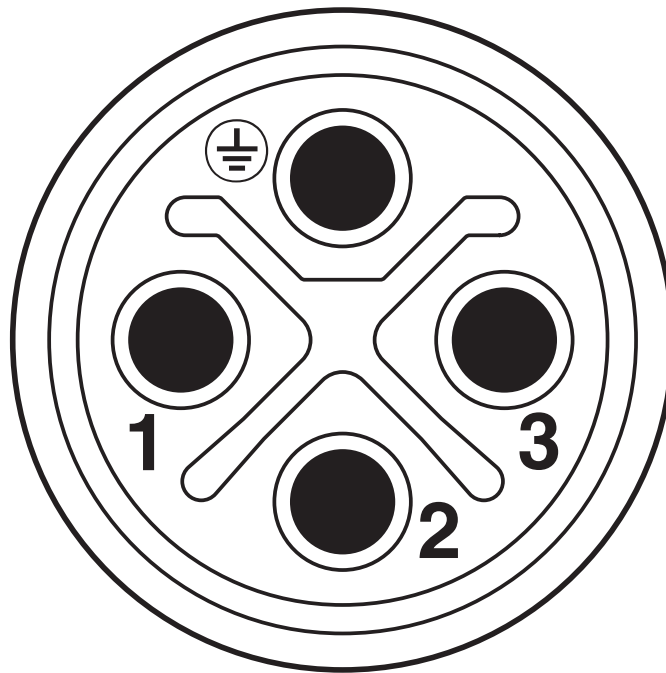


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## Drawings

Schematic diagram



Connector pin assignment of M12 plug, 4-pos., S-coded, view of pin side



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## Classifications

### ECLASS

ECLASS-13.0	27440223
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### ETIM

ETIM 9.0	EC003557
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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