

SAC-3P- 3,0-PUR/M12FRS PE DMG - Power cable



1421979

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Power cable, 3-position, PUR, black, free cable end, on Socket angled M12, coding: S, cable length: 3 m, for AC current up to 16 A/230 V



Your advantages

- Easy and safe: 100 % electrically tested plug-in components
- Protection against incorrect connection using special S-coding
- Save time, thanks to installation with SPEEDCON fast locking system

Commercial data

Item number	1421979
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	AF1CBB
GTIN	4055626390352
Weight per piece (including packing)	244.4 g
Weight per piece (excluding packing)	22.22 g
Country of origin	PL

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Technical data

Product properties

Product type	Power cable
Application	Energy supply
Number of positions	3
No. of cable outlets	1
Coding	S

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
Material of grip body	PP
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Insulation resistance	> 100 MΩ
Nominal voltage U_N	230 V AC
	230 V DC
Nominal current I_N	16 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100
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Connector

Connection 1

Type	free cable end
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Connection 2

Type	Socket angled M12
Coding type	S (Power)

Cable/line

Cable length	3 m
Number of positions	3
Shielded	no
Outer sheath, material	PUR

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External sheath, color	black
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 IP67 (without preloading, as additional test in accordance with IEC 60529)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 105 °C (Plug / socket)

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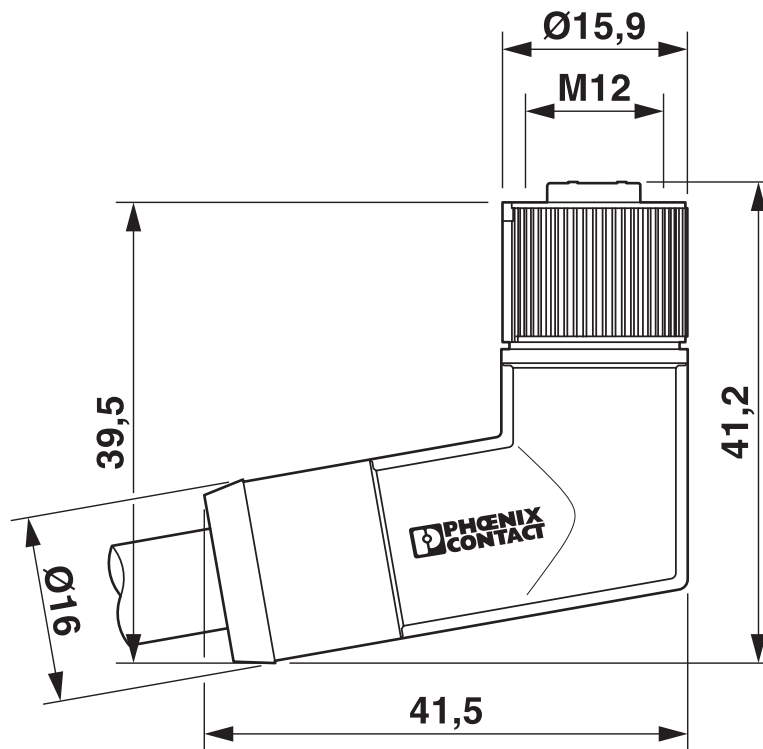
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Drawings

Dimensional drawing

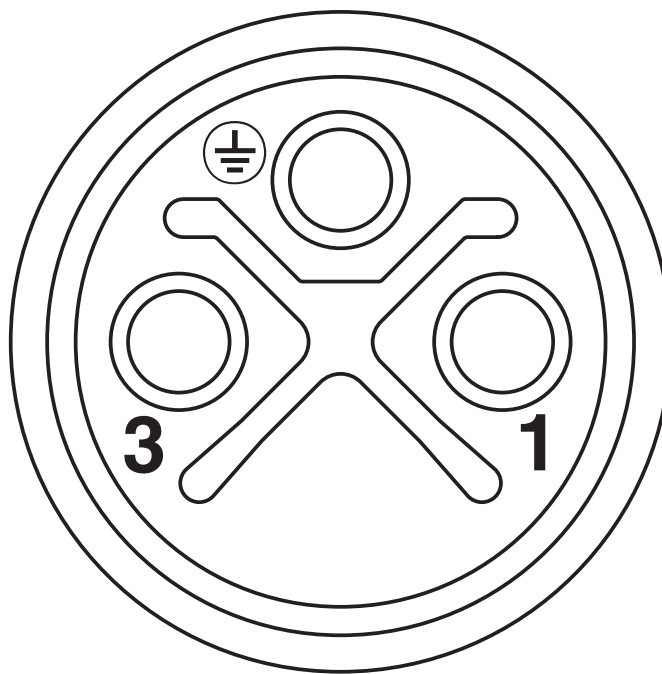


M12 x 1 socket, angled

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Schematic diagram



Pin assignment of M12 socket, 3-pos., S-coded, socket side view

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1421979>

 UL Listed Approval ID: FILE E 468743				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	300 V	12 A	- 16	- 16

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Classifications

ECLASS

ECLASS-13.0	27060327
ECLASS-15.0	27060327

ETIM

ETIM 10.0	EC001855
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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
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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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