

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Power cable, 3-position, free cable end, on Socket straight M12, coding: S, cable length: 15 m, for AC current up to 16 A/230 V

Commercial data

Item number	1100843
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	BF05
Product key	BF1CCP
GTIN	4055626956183
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	PL

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

Technical data

Product properties

Product type	Power cable
Number of positions	3
Application	Power supply

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Nominal voltage U_N	690 V AC
Nominal current I_N	12 A

Connector

Connection 1

Type	free cable end
------	----------------


Connection 2

Type	Socket straight M12
Coding type	S (Power)

Cable/line

Cable length	15 m
--------------	------

PUR halogen-free black [PUR]

Dimensional drawing	
Cable weight	114 kg/km
UL AWM Style	20234 / 10492 (80°C/1000 V)
Number of positions	4
Shielded	no
Cable type	PUR halogen-free black [PUR]
Conductor cross section	4x 1.5 mm ²
Wire diameter incl. insulation	2.45 mm ±0.05 mm
External cable diameter	8.8 mm ±0.25 mm
Outer sheath, material	PUR

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

External sheath, color	black-gray RAL 7021
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	black 1, black 2, black 3, green/yellow
Thickness, insulation	≥ 0.36 mm
Thickness, outer sheath	approx. 1.3 mm
Overall twist	4 wires, twisted
Length of twist, overall twist	93 mm
Max. conductor resistance	≤ 13 Ω/km (at 20 °C)
Insulation resistance	≥ 1 GΩ*km (at 20 °C)
Nominal voltage, cable	≤ 1000 V AC
Test voltage	≥ 10000 V AC (Spark test)
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Max. bending cycles	2000000
Halogen-free	in accordance with DIN VDE 0472 part 815 in accordance with DIN EN 50267-2-1
Flame resistance	According to UL 758/1581 (Cable Flame) according to UL 758/1581 FT1 According to DIN EN 60332-1-2
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 100°C According to UL 758, 168 h at 60°C
Other resistance	Hydrolysis and microbe resistant as per VDE 0282 section 10 Low adhesion abrasion-resistant Resistant to salt water
Ambient temperature (operation)	-50 °C ... 80 °C (cable, fixed installation) -30 °C ... 80 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 IP67 (without preloading, as additional test in accordance with IEC 60529)
----------------------	------------------------------------------------------------------------------------

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1100843>



EAC

Approval ID: RU C-DE.BL08.B.00286

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

Classifications

ECLASS

ECLASS-11.0	27060311
ECLASS-12.0	27060311
ECLASS-13.0	27060311

ETIM

ETIM 8.0	EC001855
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SAC-4P-15,0-PUR/M12FSS PE - Power cable



1100843

<https://www.phoenixcontact.com/us/products/1100843>

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com