

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

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.



Bus system cable, AS-Interface, 2-position, shielded, Plug straight AS-i, on Socket straight M12, coding: A, cable length: 3 m, with plastic knurl

Commercial data

Item number	1557303
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF03
Product key	BF1CBA
GTIN	4046356185059
Weight per piece (including packing)	176.9 g
Weight per piece (excluding packing)	176.9 g
Customs tariff number	85444290
Country of origin	DE

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

Technical data

Product properties

Product type	Data cable preassembled
Sensor type	AS-Interface
Number of positions	2
No. of cable outlets	1
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Interfaces

Bus system	AS-Interface
Signal type/category	AS-Interface

Signaling

Status display	no
Status display present	No

Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	2 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	------------

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

Connector

Connection 1

Type	Plug straight AS-i
------	--------------------

Connection 2

Type	Socket straight M12
Coding type	A (Standard)

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

Material	CuSn (Contact)
	Ni/Au (Contact surface)
	TPU GF (Contact carriers)
	TPU, hardly inflammable, self-extinguishing (Grip body)
	Plastic (Screw connection)

Cable/line

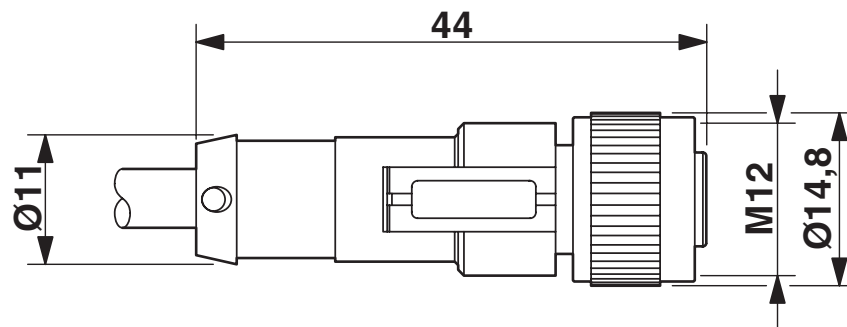
Cable length	3 m
Cable type	PUR/PVC black
Signal type/category	AS-Interface
External cable diameter	5.80 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Single wire, color	brown, blue
Cable cross section	0.75 mm²
Material, inner sheath	PVC
Conductor material	Bare Cu litz wires
AWG signal line	18
Material wire insulation	PVC

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-25 °C ... 70 °C (Flat-ribbon cable terminal block)
	-25 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

Drawings

Dimensional drawing



M12 x 1 socket, straight

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1557303>



EAC

Approval ID: EAC-Zulassung



EAC-RoHS

Approval ID: RU D-DE.HB35.B.00387

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

Classifications

ECLASS

ECLASS-11.0	27060307
ECLASS-13.0	27060311

UNSPSC

UNSPSC 21.0	31251501
-------------	----------

SAC-2P-ASIFK/ 3,0-PUR/M12FS P - Bus system cable



1557303

<https://www.phoenixcontact.com/us/products/1557303>

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%
-------------------------------------	----------------------------

Phoenix Contact 2024 © - 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