SAC-2P-ASIFK/ 5,0-PUR/M12FS P - Bus system cable

1557316

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Bus system cable, AS-Interface, 2-position, shielded, Plug straight AS-i, on Socket straight M12, coding: A, cable length: 5 m, with plastic knurl

Commercial data

Item number	1557316
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF03
Product key	AF1CBA
GTIN	4046356185066
Weight per piece (including packing)	270.9 g
Weight per piece (excluding packing)	262.051 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Product type	Data cable preassembled
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	≥ 100 MΩ
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
Material grommet GRP	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)
	CuSn (Contact)

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

Cable/line

Cable length	5 m
Cable type	PUR/PVC black
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

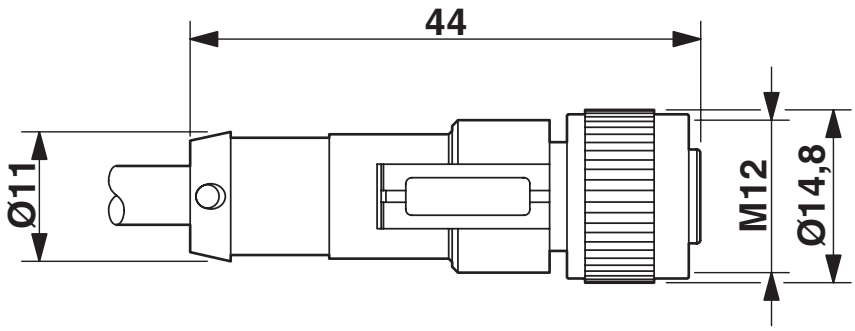
Environmental and real-life conditions

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

Approvals

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

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 10.0	EC002599

UNSPSC

UNSPSC 21.0	26121600

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%

EF3.1 Climate Change

CO2e kg	1.986 kg CO2e

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