

# SAC-8P+D-24AWG-OE-OE-680-100,0 - Cable reel



1112987

<https://www.phoenixcontact.com/us/products/1112987>

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.



By the meter, Cable reel, shielded, PVC, gray, 8-wire, color single wire: white, brown, green, yellow, gray, pink, blue, red, cable length: 100 m, Foil shielding plus drain wire

## Commercial data

Item number	1112987
Packing unit	1 pc
Sales key	BF16
Product key	BF1IIB
GTIN	4063151034863
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

1112987

<https://www.phoenixcontact.com/us/products/1112987>

## Technical data

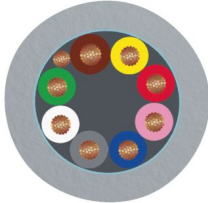
### Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	8

### Electrical properties

Nominal voltage $U_N$	300 V
-----------------------	-------

### Cable/line

Cable length	100 m
Dimensional drawing	
Cable weight	47.37 kg/km
UL AWM Style	2517 (105 °C / 300 V)
Number of positions	8
Shielded	yes
AWG signal line	24
Wire diameter incl. insulation	1.12 mm ±0.03 mm
External cable diameter	5.79 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PVC (Signal line)
Single wire, color	white, brown, green, yellow, gray, pink, blue, red
Type of pair shielding	Plastic-coated aluminum foil, aluminum side inside
Overall twist	Conductors, fillers, and drain wire are twisted with left-hand lay
Max. conductor resistance	max. 80.2 Ω/km (20 °C)
Insulation resistance	≥ (550 M Ohms/m @ 500V)
Nominal voltage, cable	300 V
Minimum bending radius, flexible installation	8 x D
Smallest bending radius, movable installation	47 mm
Flame resistance	FT4
Other resistance	UV resistant
Ambient temperature (operation)	-30 °C ... 105 °C (cable, fixed installation)

# SAC-8P+D-24AWG-OE-OE-680-100,0 - Cable reel



1112987

<https://www.phoenixcontact.com/us/products/1112987>

## Classifications

### ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

# SAC-8P+D-24AWG-OE-OE-680-100,0 - Cable reel



1112987

<https://www.phoenixcontact.com/us/products/1112987>

## Accessories

### WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/us/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

---

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](mailto:info@phoenixcon.com)