

# AI 6 -12 BK -1000 - Ferrule



1004301

<https://www.phoenixcontact.com/us/products/1004301>

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Ferrule, sleeve length: 12 mm, color: black



## Your advantages

- In terms of dimensions, they correspond to DIN 46228-4: 1990-09
- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper

## Commercial data

Item number	1004301
Packing unit	1,000 pc
Sales key	BH34
Product key	BH3411
Catalog page	Page 483 (C-3-2019)
GTIN	4055626473307
Weight per piece (including packing)	0.393 g
Weight per piece (excluding packing)	0.393 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

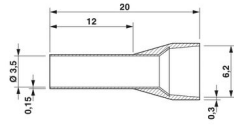
Product type	Cable end sleeve
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### Connection data

#### Conductor connection

Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section AWG max.	10
Stripping length	15 mm

### Dimensions

Dimensional drawing	
Sleeve length	12 mm
Maximum stripping length	15 mm
Ferrule diameter	3.5 mm
Sleeve wall thickness	0.2 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	6.2 mm

### Material specifications

Color	black
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	tin-plated (galvanic)
Components	free from silicone and halogen

### Mechanical properties

#### Technical data

Sleeve length	12 mm
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### Environmental and real-life conditions

#### Ambient conditions

Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature	120 °C

### Standards and regulations

Design according to standard	Special color
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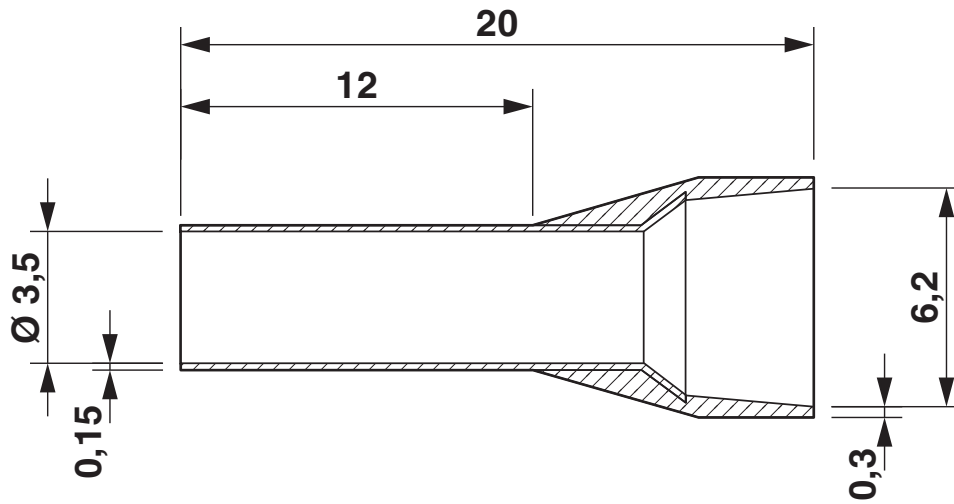
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

ECLASS-11.0	27400201
ECLASS-12.0	27400201
ECLASS-13.0	27400201

### ETIM

ETIM 8.0	EC000005
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### UNSPSC

UNSPSC 21.0	27121703
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## Environmental product compliance

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

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