

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

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.



Ferrule, Length contact range: 8 mm, sleeve length: 14 mm, color: gray

Your advantages

- Due to the increased diameter of the insulating collar, this type of ferrule is specifically used with AWG cables
- These ferrules enable practical crimping of conductors with increased insulation

Commercial data

Item number	2100123
Packing unit	25,000 pc
Minimum order quantity	25,000 pc
Sales key	BH34
Product key	BH341S
GTIN	4067923213470
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85369010
Country of origin	DE

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

Technical data

Product properties

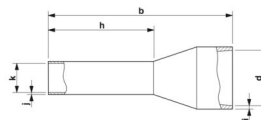
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	Suitable for AWG/multi-standard cables due to the increased diameter of the insulating collar
	UL certified
	Made from soft tin-plated electrolytic copper
	Correspond to the requirements of UL 486F
	Plastic collar made of polypropylene
	Halogen-free
	Long/short-term temperature: +105°C/+120°C

Connection data

Conductor connection

Conductor cross-section flexible max.	0.75 mm ²
Conductor cross-section AWG max.	18
Stripping length	11 mm

Dimensions

Dimensional drawing	
Sleeve length	14 mm
Length contact range	8 mm
Maximum stripping length	11 mm
Ferrule diameter	1.3 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.25 mm
Inner dimensions of the insulating collar	3.4 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	HB
Coating	galvanically tin-plated
Surface characteristics	Tin-plated
Components	free from silicone and halogen

Mechanical properties

Technical data

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

Sleeve length	14 mm
---------------	-------

Standards and regulations

Design according to standard	Color code in accordance with DIN 46228-4, UL 486F-E
------------------------------	--

Drawings

Dimensional drawing



Sleeve length (b), length contact range (h), insulating collar inner dimension (d), sleeve diameter (k), insulating collar thickness (i), sleeve wall thickness (j)

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2100123>



cULus Listed

Approval ID: E488001

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

Classifications

ECLASS

ECLASS-13.0	27400201
ECLASS-15.0	27400201

ETIM

ETIM 10.0	EC000005
-----------	----------

UNSPSC

UNSPSC 21.0	27121700
-------------	----------

AI-GB 0,75-8 GY-25000 - Ferrule



2100123

<https://www.phoenixcontact.com/us/products/2100123>

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 2026 © - 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