

# FOC-V14-C1ZNI-B/SJFG - FO connectors



1407905

<https://www.phoenixcontact.com/us/products/1407905>

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Push-pull connector (version 14), die-cast zinc, with SC-RJ insert for GOF, for cable diameter of 5.5 mm ... 10 mm, cable outlet at the bottom

## Your advantages

- Locking system to prevent inadvertent release
- Highest ESD and EMC resistance for reliable transmission
- Push-pull ADVANCE connector

## Commercial data

Item number	1407905
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNOBA
GTIN	4046356782074
Weight per piece (including packing)	102.9 g
Weight per piece (excluding packing)	102.9 g
Customs tariff number	85367000
Country of origin	DE

## Technical data

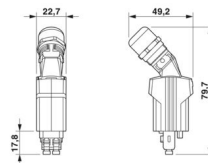
### Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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### Product properties

Product type	Data plug
Type	Version 14
Connection profile	SC-RJ connector
Shielded	no
Cable outlet	angled

### Dimensions

Dimensional drawing	
Width	22 mm
Height	34 mm
Length	80 mm

### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Seal material	NBR
Housing material	Die-cast zinc
Housing surface material	nickel-plated

### Cable/line

Cable type	Fiber optics
External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Resistance to oil	yes
Flame resistance	yes

### FO cable

Number of fibers	2
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### Mechanical properties

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## Mechanical data

Insertion/withdrawal cycles	≥ 50
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes
Resistance to oil	yes

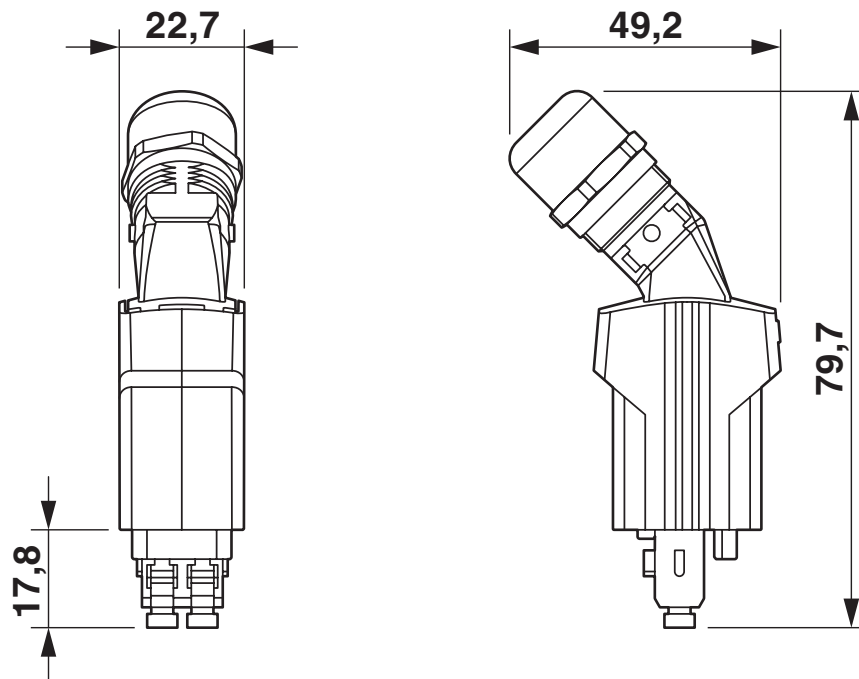
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## Drawings

Dimensional drawing



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## Classifications

### ETIM

ETIM 8.0	EC001122
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### UNSPSC

UNSPSC 21.0	43223300
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	516b8dc6-13b8-4c91-9116-385676598104