

# 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

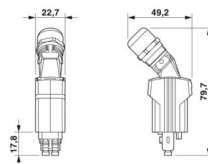
### Notes

|         |                                                                                                                                                                                                                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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 |
|------------------|---------|

### 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 |
|------------------|---|

### Mechanical properties

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## Mechanical data

|                             |      |
|-----------------------------|------|
| Insertion/withdrawal cycles | ≥ 50 |
|-----------------------------|------|

## 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 |

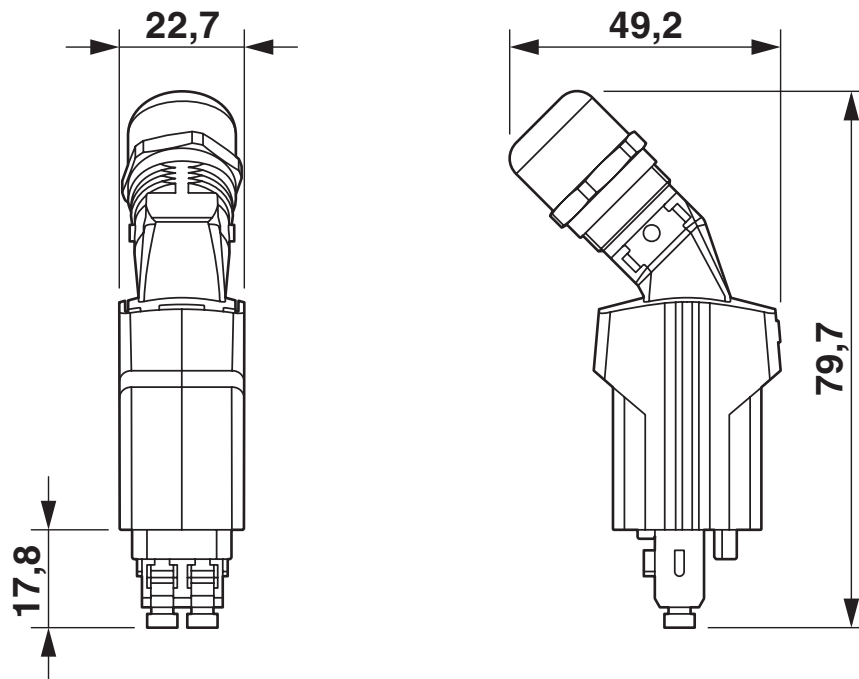
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## Drawings

Dimensional drawing



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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC001122 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43223300 |
|-------------|----------|

## 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                        |