

## FO connectors - FOC-V14-C1ZNI-S/SJFP - 1407896

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

### Your advantages

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



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 046356 781992 |
| GTIN                                 | 4046356781992   |
| Weight per Piece (excluding packing) | 101.700 g   |
| Custom tariff number                 | 85367000  |
| Country of origin                    | Germany   |

### Technical data

#### Mechanical characteristics

|                             |   |
|-----------------------------|---|
| Connection profile          | SC-RJ connector   |
| Locking type                | Push Pull   |
| Fiber type                  | POF   |
| Insertion/withdrawal cycles | ≥ 100   |
| Max. cable diameter         | 5.5 mm ... 10 mm  |
| External cable diameter     | 5.5 mm ... 10 mm  |
| Cable outlet                | straight  |
| Degree of protection        | IP65/IP67   |
| Type                        | SCRJ, IP65/67, version 14   |
| Note                        | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order |

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## Technical data

### Mechanical characteristics

|  |   |
|--|---|
|  | no: 2.252, Chapter 8.4 Connectors for outside environment (optical fibre) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA) |
|--|---|

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -25 °C ... 70 °C |
| Ambient temperature (assembly)          | -10 °C ... 40 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

### Material data

|  |               |
|--|---------------|
| Flammability rating according to UL 94 | V0            |
| Housing material                       | Zinc die-cast |
| Housing surface material               | Nickel-plated |
| Seal material                          | NBR           |
| Ferrule material                       | Copper alloy  |
| Height                                 | 50 mm         |

### Electrical characteristics

|                     |                                       |
|---------------------|---------------------------------------|
| Degree of pollution | 3                                     |
| Attenuation         | ≤ 1.5 dB (according to ISO/IEC 24702) |

### Standards and Regulations

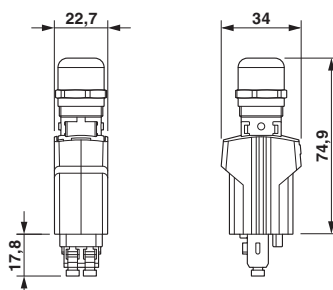
|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
|------------|----------|

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 19170122 |
| eCl@ss 9.0 | 19170122 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC000034 |
| ETIM 5.0 | EC001122 |
| ETIM 6.0 | EC001122 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 43223310 |

### Approvals

#### Approvals

#### Approvals

#### UL Listed / EAC

#### Ex Approvals

#### Approval details

|           |   |  |
|-----------|---|--|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E308814-20180830 |
|-----------|---|--|

|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

## FO connectors - FOC-V14-C1ZNI-S/SJFP - 1407896

### Accessories

#### Accessories

#### Assembly tool

Tool set - TF-SCRJ-POF KONF SET - 1405246



SC-RJ cutting tool set, for polymer fiber, for field assembly of SC-RJ/IP20 and SC-RJ/IP67 push/pull connectors with fast connection technology, consisting of stripping tool, aramid scissors, SC-RJ cutting tool, microscope

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### Panel mounting frame

Panel mounting frames - FOC-V14-F1ZNI-EM/SJB - 1413964



SC-RJ panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. SC-RJ coupling

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### Protective cover

Protective covers - VS-PPC-F1-PC-POBK - 1405316



Protective cover, IP65, with push-pull locking for covering the contact insert in the push-pull connector for RJ45 and SC-RJ, plastic