

# PSD-S 50 CE-M12-5P - Connection element



1018853

<https://www.phoenixcontact.com/us/products/1018853>

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Base with integrated M12 male (5 pins)

## Product description

This connection element is intended to be part of a modular signal tower and is used to electrically connect the tower. According to your requirements, a signal tower may comprise any combination of up to four signal elements. You may use up to four optical signal elements or up to three optical and one audible signal element. Only use an audible signal element as the top element. A bayonet locking system establishes the mechanical and electrical connection between the elements. Please note that PSD-S 50 signal towers (50 mm diameter) are not mechanically compatible with PSD-S signal towers (70 mm diameter).

## Your advantages

- Connecting element for installing on an M12 mounting thread
- M12 connection technology (5-pos.)
- Degree of protection: IP65, when mounted

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1018853       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DR07          |
| Product key                          | DRL116        |
| GTIN                                 | 4055626504827 |
| Weight per piece (including packing) | 105.8 g       |
| Weight per piece (excluding packing) | 105.8 g       |
| Customs tariff number                | 85319000      |
| Country of origin                    | AT            |

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## Technical data

### Notes

Note on application

|                     |                         |
|---------------------|-------------------------|
| Note on application | Only for industrial use |
|---------------------|-------------------------|

### Product properties

|                                     |                    |
|-------------------------------------|--------------------|
| Product type                        | Assembly element   |
| Scope of delivery                   | End cover and seal |
| Number of mountable signal elements | max. 4             |

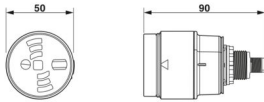
Data management status

|                  |    |
|------------------|----|
| Article revision | 00 |
|------------------|----|

### Connection data

|                   |      |
|-------------------|------|
| Connection method | M12  |
| Stripping length  | 7 mm |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Height              | 90 mm                                                                                |
| Diameter            | 50 mm                                                                                |

### Material specifications

|          |       |
|----------|-------|
| Color    | black |
| Material | PA-GF |

### Environmental and real-life conditions

Ambient conditions

|                                 |                       |
|---------------------------------|-----------------------|
| Degree of protection            | IP65 (when installed) |
| Ambient temperature (operation) | -30 °C ... 60 °C      |

### EMC data

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Electromagnetic compatibility | Conformance with EMC directive 2004/108/EC and for low-voltage directive 2006/95/EC |
|-------------------------------|-------------------------------------------------------------------------------------|

### Mounting

|                   |                      |
|-------------------|----------------------|
| Mounting type     | M12 mounting threads |
| Assembly note     | Seal included        |
| Mounting position | any                  |

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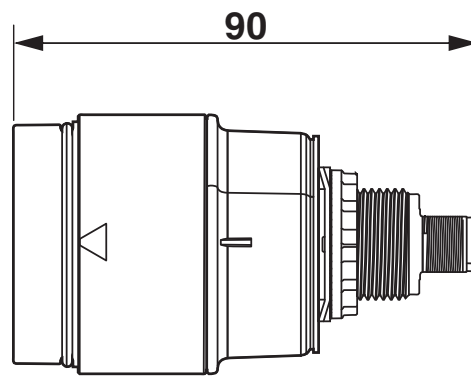
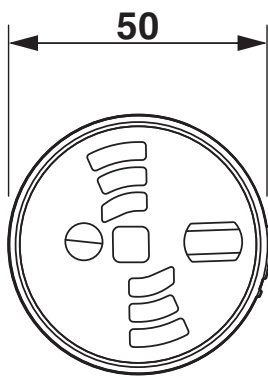


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## Drawings

### Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1018853>



**UL Listed**  
Approval ID: E140324



**cUL Listed**  
Approval ID: E140324

**cULus Listed**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27371232 |
| ECLASS-12.0 | 27371232 |
| ECLASS-13.0 | 27371232 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001152 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 46171600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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## Accessories

### PSD-S 50 ME BR-M12 M - Mounting bracket

1094143

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Metal bracket for products with M12 assembly thread

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)