

# PSD-S 50 CE A-NPT 1/2 - Connection element



1018850

<https://www.phoenixcontact.com/us/products/1018850>

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Base for NPT 1/2 conduit assembly



## 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 five signal elements. You may use up to five optical signal elements or up to four 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

- Connection element for mounting on a mounting surface (floor), junction box, or bracket
- Push-in connection technology
- Degree of protection: IP65, when mounted

## Commercial data

Item number	1018850
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL116
GTIN	4055626504292
Weight per piece (including packing)	83 g
Weight per piece (excluding packing)	83 g
Customs tariff number	85319000
Country of origin	CZ

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Assembly element
Product family	PSD-S 50
Scope of supply	End cover and seal
Number of mountable signal elements	max. 5

### Connection data

#### without ferrule

Connection method	Push-in connection
Conductor cross-section, flexible	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	... 16
Stripping length	7 mm

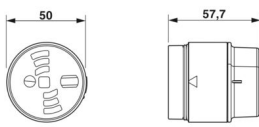
#### With ferrule

Connection method	Push-in connection
Conductor cross-section, flexible	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	... 16
Stripping length	7 mm

#### solid

Connection method	Push-in connection
Conductor cross-section, rigid	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Stripping length	7 mm

### Dimensions

Dimensional drawing	
Height	57.7 mm
Diameter	50 mm

### Material specifications

Color	black
Color (Housing)	black (RAL 9005)
Material	PA-GF

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## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

Mounting type	Tube mounting (on 1/2" NPT thread)
	Screw mounting (with cable gland on mounting bracket)
Mounting position	any

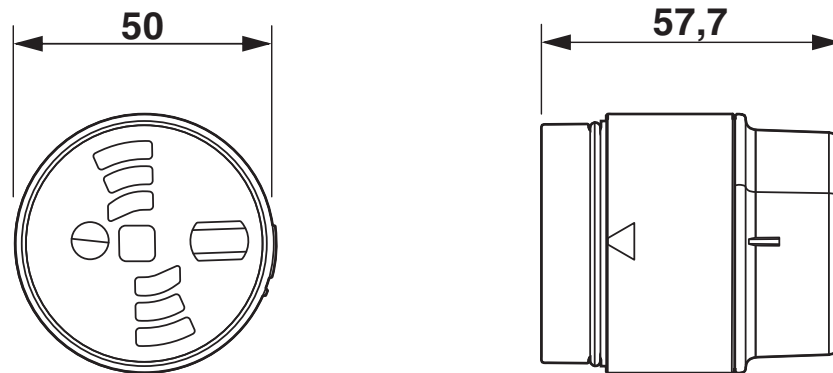
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## Drawings

Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1018850>



**cULus Listed**

Approval ID: E140324

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## Classifications

### ECLASS

ECLASS-13.0	27371232
ECLASS-15.0	27371232

### ETIM

ETIM 10.0	EC001152
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### UNSPSC

UNSPSC 21.0	46171600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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