

## FBCON SS PCG 4WAY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



For standard industrial applications (non-hazardous areas), PROFIBUS PA junction boxes and limiters are available as 1-way, 2-way, 4-way, and 8-way distributors. FBCon limiters are designed to protect connected field devices from over voltages and short circuits. As voltage-limiting protective elements, suppressor diodes are used. Due to the integrated current limitation, the segment is also protected against short circuit on a spur line. EMC cable glands, protection class IP66 and a wide operating temperature range safely protect your connections in harsh environments.

### Functionality

- EMC cable glands for trunk and spurs
- M12 connector for spurs
- External earthing stud
- Pressure equalizing element
- Protection class IP66
- Aluminium and stainless-steel versions
- Profibus PA / Foundation Fieldbus compatible

Note: The use of FBCon products with aluminum enclosures and / or M12 connectors is not recommended in strongly saline environments.

### General ordering data

|                     |                                               |
|---------------------|-----------------------------------------------|
| Version             | Standard distributor, 4-way distributor, IP66 |
| Order No.           | <a href="#">8613680000</a>                    |
| Type                | FBCON SS PCG 4WAY                             |
| GTIN (EAN)          | 4032248316977                                 |
| Qty.                | 1 pc(s).                                      |
| Alternative product | <a href="#">8703450000</a>                    |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Height     | 36 mm  | Height (inches) | 1.417 inch |
| Width      | 80 mm  | Width (inches)  | 3.15 inch  |
| Length     | 125 mm | Length (inches) | 4.921 inch |
| Net weight | 764 g  |                 |            |

## Temperatures

|                       |                |                     |                |
|-----------------------|----------------|---------------------|----------------|
| Storage temperature   | -40 °C...80 °C | Ambient temperature | -40 °C...80 °C |
| Operating temperature | -40 °C...80 °C |                     |                |

## Environmental Product Compliance

|            |                |      |                                   |
|------------|----------------|------|-----------------------------------|
| REACH SVHC | Lead 7439-92-1 | SCIP | 3a5f5913-76fc-4ff5-8563-4463f80bb |
|------------|----------------|------|-----------------------------------|

## Technical properties

|                   |      |
|-------------------|------|
| Protection degree | IP66 |
|-------------------|------|

## Technical data

|                       |                                  |                      |                                         |
|-----------------------|----------------------------------|----------------------|-----------------------------------------|
| Bus system            | Profibus-PA, Foundation Fieldbus | Cable entry          | plastic screwed cable gland             |
| Conductor O.D.        | -                                | Connection type PE   | all connectors with plastic cable gland |
| Housing main material | Stainless steel, rust-proof      | Type of distribution | 4-way distributor                       |
| Type of mounting      | surface-mounted                  | Colour               | Miscellaneous                           |
| Housing main material | Stainless steel, rust-proof      | Protection degree    | IP66                                    |
| Type of mounting      | surface-mounted                  |                      |                                         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001604    | ETIM 7.0    | EC001604    |
| ETIM 8.0    | EC001604    | ECLASS 9.0  | 27-24-26-08 |
| ECLASS 9.1  | 27-24-26-08 | ECLASS 10.0 | 27-24-26-08 |
| ECLASS 11.0 | 27-24-26-08 | ECLASS 12.0 | 27-44-01-11 |

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                                             |                                                                                                                                                                  |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Certification EAC</a><br><a href="#">Certification UL</a>                                                                                            |
| Product Change Notification                 | <a href="#">20220208 Technical change to FBCon field distributors (passive, with stainless steel housings)</a>                                                   |
| Software                                    | <a href="#">Runtime Software – WI-Segment-Calculator</a>                                                                                                         |
| User Documentation                          | <a href="#">assembly instruction german / english</a><br><a href="#">Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                         |
| Brochures                                   |                                                                                                                                                                  |

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## Drawings

