

## Field bus components FBCon SS PCG 1way

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The FBCon Fieldbus distributor is available in the industry and EEx (ia) version. They are used for coupling from 1 to 8 field devices or sensors.

They are connected via spur lines. The connection to the spur line can be made with an M12 plug or directly via an EMC cable gland. Communication and device power feed are transferred by a common 2-wire line.

The distributors offer the following features respective of the version:

- Tension-clamp connection system
- Overvoltage protection for the main line
- Current limiter for each branch line
- EMC cable gland
- M12 plug-in connectors
- External earthing contact
- Interruption-free bus operation
- Industrial version
- Bus termination integrated (not EX)
- ATEX explosion-proof version
- Pressure-equalising element
- Protection degrees IP65, IP66, IP67
- Stainless steel versions
- PROFIBUS-PA compatible

### General ordering data

|                     |                                               |
|---------------------|-----------------------------------------------|
| Available until     | 1970-01-01                                    |
| Type                | FBCon SS PCG 1way                             |
| Order No.           | <a href="#">8613670000</a>                    |
| Version             | Standard distributor, 1-way distributor, IP66 |
| GTIN (EAN)          | 4032248316960                                 |
| Qty.                | 1 pc(s).                                      |
| Alternative product | <a href="#">8703430000</a>                    |

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## Technical data

### Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Length     | 64 mm | Length (inches) | 2.52 inch  |
| Width      | 58 mm | Width (inches)  | 2.283 inch |
| Height     | 36 mm | Height (inches) | 1.417 inch |
| Net weight | 402 g |                 |            |

### Temperatures

|                             |                |                             |                |
|-----------------------------|----------------|-----------------------------|----------------|
| Operating temperature, max. | 80 °C          | Operating temperature, min. | -40 °C         |
| Storage temperature, max.   | 80 °C          | Storage temperature, min.   | -40 °C         |
| Operating temperature       | -40 °C...80 °C | Ambient temperature         | -40 °C...80 °C |
| Storage temperature         | -40 °C...80 °C |                             |                |

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000214    | ETIM 4.0   | EC001604    |
| ETIM 5.0   | EC001604    | ETIM 6.0   | EC001604    |
| UNSPSC     | 26-12-16-03 | eClass 5.1 | 27-25-02-01 |
| eClass 6.2 | 27-24-26-08 | eClass 7.1 | 27-24-26-08 |
| eClass 8.1 | 27-24-26-08 | eClass 9.0 | 27-24-26-08 |
| eClass 9.1 | 27-24-26-08 |            |             |

### Approvals

Approvals



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

### Downloads

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 8 SAI 15/16 EN</a>                    |
| User Documentation | <a href="#">assembly instruction german / english</a> |

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## Drawings

