

Field bus components FBCon PA CG 2way Ex

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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

| | |
|------------|---|
| Type | FBCon PA CG 2way Ex |
| Order No. | 8564190000 |
| Version | Standard distributor for Ex applications EEx(ia), 2-way distributor EEx, IP66 |
| GTIN (EAN) | 4032248238552 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|-------|-----------------|------------|
| Length | 98 mm | Length (inches) | 3.858 inch |
| Width | 64 mm | Width (inches) | 2.52 inch |
| Height | 37 mm | Height (inches) | 1.457 inch |
| Net weight | 354 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

Ratings IECEx/ATEX/cUL

ATEX certificate ATEX certificate.pdf Certificate No. (ATEX) KEMA01ATEX1058

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

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity.pdf |
| Brochure/Catalogue | CAT 8 SAI 15/16 EN |
| User Documentation | assembly instruction german / english |

Data sheet

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Drawings

