

FBCON SS PCG 1WAY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 1-way distributor, IP66 |
| Order No. | 8613670000 |
| Type | FBCON SS PCG 1WAY |
| GTIN (EAN) | 40322483 16960 |
| Qty. | 1 pc(s). |

FBCON SS PCG 1WAY

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

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

Technical data

| | | | |
|-----------------------|---|----------------------|------------------------------------|
| Bus system | Profibus-PA, Foundation Fieldbus | Cable glands | Plastic screwed cable gland |
| Connection type PE | all connectors with plastic cable gland | Design of housing | With pressure compensation element |
| Housing main material | Stainless steel, rust-proof | Housing surface | polished |
| Protection degree | IP66 | Type of distribution | 1-way distributor |
| Type of mounting | surface-mounted | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001604 | ETIM 7.0 | EC001604 |
| ETIM 8.0 | EC001604 | ETIM 9.0 | 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 | ECLASS 13.0 | 27440111 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 3a5f5913-76fc-4ff5-8563-4463f80bbe02 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E141197 |

FBCON SS PCG 1WAY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Application notes – Certification UL |
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220208 Technical change to FBCon field distributors (passive, with stainless steel housings) |
| Software | Runtime Software – WI-Segment-Calculator |
| User Documentation | Quick start guide – assembly instruction german / english Quick start guide – Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

FBCON SS PCG 1WAY

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

