

FBCON DP CG 1WAY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

For Profibus DP and Modbus RS485, FBCon standard T-distributors and terminators connect individual field devices or remote I/O to the bus cable.

Their 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 DP / Modbus RS485 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, IP66 |
| Order No. | 8564340000 |
| Type | FBCON DP CG 1WAY |
| GTIN (EAN) | 4032248404698 |
| Qty. | 1 pc(s). |

FBCON DP CG 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 | 262 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|----------------|
| Storage temperature | -40 °C...80 °C | Ambient temperature | -40 °C...75 °C |
| Operating temperature | -40 °C...75 °C | | |

Connection data

| | | | |
|----------------------|---------------------|----------------------|---------------------|
| Clamping range, min. | 0.5 mm ² | Clamping range, max. | 1.5 mm ² |
|----------------------|---------------------|----------------------|---------------------|

Technical data

| | | | |
|---|------------------------------------|-----------------------|------------------------------|
| Bus system | Profibus-DP, Modbus RS485 | Cable entry | Brass cable gland |
| Design of housing | With pressure compensation element | Housing main material | Aluminium, AlSi12, Aluminium |
| Housing surface | stove enamelled | Number of poles | 0 |
| Operating voltage U _{max} , max. | 32 V | Pollution severity | 3 |
| Protection degree | IP66 | 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 | 27-44-01-11 |

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 DP CG 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 Application notes – Declaration of Conformity |
| Product Change Notification | 20220208 Technical change to FBCon field distributors (passive, with aluminum housings) |
| User Documentation | Quick start guide – assembly instruction german / english Quick start guide – Application-Guide-Planning and installing Fieldbus networks-us-ing-FBCon_english_deutsch |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

FBCON DP CG 1WAY

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

www.weidmueller.com

Drawings

