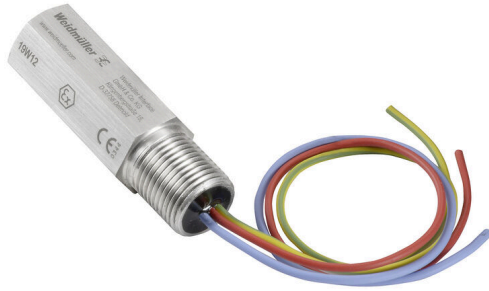


VCG 24V EX 2 NPT1/2

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

www.weidmueller.com



VARITECTOR Cable Gland (VCG) protects intrinsically safe circuits in IP67 applications

- Tested in accordance with IEC/EN 61643-21
- Suitable for use in EX areas
- High protection class with IP67
- Screw-in housing with different threads
- HART-compatible

General ordering data

| | |
|------------|-------------------------------------|
| Order No. | 2593120000 |
| Type | VCG 24V EX 2 NPT1/2 |
| GTIN (EAN) | 4050118605105 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|--------------------------|-------------|----------|-------|
| Height of lowest version | 54 mm | Width | 28 mm |
| Width (inches) | 1.1024 inch | Length | 78 mm |
| Length (inches) | 3.0709 inch | Diameter | 28 mm |
| Net weight | 180 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -30 °C...60 °C | Operating temperature | -30 °C...60 °C |
|---------------------|----------------|-----------------------|----------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | No SVHC above 0.1 wt% |

Protection Ex - Data

| | | | |
|----------------------------|--|------------------------------|--|
| ATEX - dust labelling | IEC Ex BAS 18.0085X, Ex ia IIIC T85 °C Da, (-30 °C≤Ta≤50 °C) | ATEX - gas labelling | 18ATEX0141X, II 1GD, Ex ia II T6 Ga, (-30 °C≤Ta≤50 °C) |
| Input power, max. PI | 2 W | Input current, max. Ii | 0.8 A |
| Internal capacity, max. CI | 0 nF | Internal inductance, max. LI | 60 µH |

General data

| | | | |
|--|------------------------------------|-------------------|--|
| Segment | Measurement - Monitoring - Setting | Version | Stainless steel screw mounting housing |
| Colour | silver | Protection degree | IP67 |
| FIELD BUS FOUNDATION BUS H1 compatible | According to IEC 61158-2 | | |

Rated data IEC / EN

| | | | |
|--|---------|--|--------|
| Rated voltage (AC) | 24 V | Rated voltage (DC), max. | 33 V |
| Response time / fallback time | < 1 ns | Frequency range, min. | 0 Hz |
| Dielectric strength at FG against PE | ≥ 500 V | Lightning test current, Iimp (10/350 µs) wire-wire | 1 kA |
| Lightning test current, Iimp (10/350 µs) Wire-PE | 1 kA | Rated load current IL | 800 mA |
| Discharge current In (8/20µs) wire-wire | 5 kA | Discharge current Imax (8/20µs) wire-PE | 10 kA |
| Discharge current Imax (8/20µs) wire-wire | 10 kA | | |

Connection data

| | | | |
|--------------------|-------------------|------------------------|-----------------------------|
| Cross-section | 1 mm ² | Wire connection method | Cable length: 250 mm (min.) |
| Type of connection | Screw connection | | |

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Technical data

General data

| | | | |
|-------------------|------|--------|--------|
| Protection degree | IP67 | Colour | silver |
|-------------------|------|--------|--------|

Ratings IECEx/ATEX/cUL

| | | | |
|-----------------------|--|----------------------|--|
| ATEX - dust labelling | IEC Ex BAS 18.0085X, Ex ia IIIC T85 °C Da, (-30 °C≤Ta≤50 °C) | ATEX - gas labelling | 18ATEX0141X, II 1GD, Ex ia II T6 Ga, (-30 °C≤Ta≤50 °C) |
|-----------------------|--|----------------------|--|

Guarantee

| | |
|---------------|---------|
| Time interval | 5 years |
|---------------|---------|

Classifications

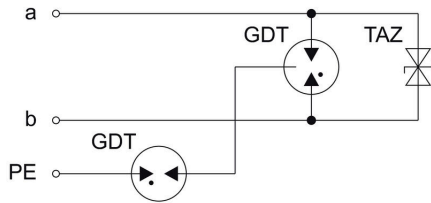
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000943 | ETIM 9.0 | EC000943 |
| ETIM 10.0 | EC000943 | ECLASS 14.0 | 27-17-15-02 |
| ECLASS 15.0 | 27-17-15-02 | | |

VCG 24V EX 2 NPT1/2

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Drawings

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