

## VCG 24V EX 4 NPT1/2

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

[www.weidmueller.com](http://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.	2593130000
Type	<a href="#">VCG 24V EX 4 NPT1/2</a>
GTIN (EAN)	4050118605112
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Height of lowest version	96 mm	Width	28 mm
Width (inches)	1.1024 inch	Length	120 mm
Length (inches)	4.7244 inch	Diameter	28 mm
Net weight	300 g		

### Temperatures

Storage temperature	-30 °C...60 °C	Operating temperature	-30 °C...60 °C
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### 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	2 kA
Lightning test current, Iimp (10/350 µs) Wire-PE	2 kA	Rated load current IL	800 mA
Discharge current In (8/20µs) wire-wire	10 kA	Discharge current Imax (8/20µs) wire-PE	20 kA
Discharge current Imax (8/20µs) wire-wire	20 kA		

### Connection data

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

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Protection degree	IP67	Colour	silver
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### 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)
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### Guarantee

Time interval	5 years
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### 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		

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**Drawings**

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