

VCG 24V EX 4 NPT1/2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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	VCG 24V EX 4 NPT1/2
GTIN (EAN)	4050118605112
Qty.	1 pc(s).

VCG 24V EX 4 NPT1/2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Diameter	28 mm	Height of lowest version	96 mm
Length	120 mm	Length (inches)	4.724 inch
Net weight	300 g	Width	24 mm
Width (inches)	0.945 inch		

Temperatures

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

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. P _i	2 W	Input voltage, max. U _i	50 V
Input current, max. I _i	0.8 A	Internal capacity, max. C _i	0 nF
Internal inductance, max. L _i	60 µH		

General data

Colour	silver	Design	straight, 1/2" NPT
FIELD BUS FOUNDATION BUS H1 compatible	According to IEC 61158-2	Protection degree	IP67
Segment	Measurement - Monitoring - Setting	Version	Stainless steel screw mounting housing

Rated data IEC / EN

Dielectric strength at FG against PE	≥ 500 V	Discharge current I _{max} (8/20µs) wire-PE	20 kA
Discharge current I _{max} (8/20µs) wire-wire	20 kA	Discharge current I _n (8/20µs) wire-PE	10 kA
Discharge current I _n (8/20µs) wire-wire	10 kA	Frequency range, max.	30 MHz
Frequency range, min.	0 Hz	Input voltage, max. U _i	50 V
Insertion loss	30 MHz	Lightning test current, I _{imp} (10/350 µs) Wire-PE	2 kA
Lightning test current, I _{imp} (10/350 µs) wire-wire	2 kA	Protection level U _p (typ.)	< 1300 V
Protection level, U _p wire - PE	864 V	Protection level, U _p wire - wire	44 V
Rated voltage (DC)	24 V	Rated voltage (DC), max.	33 V
Requirements category acc. to IEC 61643-21	D1, C1, C2, C3	Response time	< 1 ns
Standards	IEC 61643-21, IEC 60079-0, IEC 60079-11		

Connection data

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

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)
-----------------------	---	----------------------	---

VCG 24V EX 4 NPT1/2

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

www.weidmueller.com

Technical data**Guarantee**

Time interval 5 years

Classifications

ETIM 6.0	EC000943	ETIM 7.0	EC000943
ECLASS 9.0	27-13-08-07	ECLASS 9.1	27-13-08-07
ECLASS 10.0	27-13-08-07	ECLASS 11.0	27-13-08-07

Approvals

Approvals



ROHS Conform

Downloads

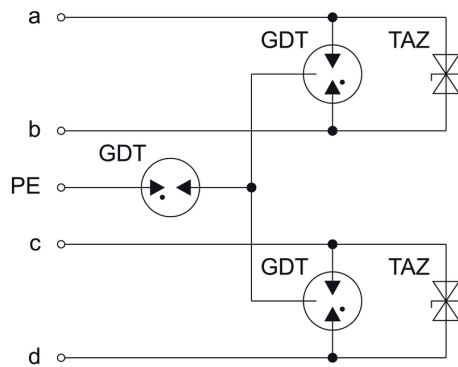
Approval/Certificate/Document of Conformity	IECEX ATEX CE VCG Series
User Documentation	Manual
Brochure/Catalogue	Catalogues in PDF-format

VCG 24V EX 4 NPT1/2

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

www.weidmueller.com

Drawings



Similar to illustration

