

VCG 24V EX 4 M20X1.5

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.	2593150000
Type	VCG 24V EX 4 M20X1.5
GTIN (EAN)	4050118605136
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

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 ²	Wire connection method	Cable length: 250 mm (min.)
Type of connection	Screw connection		

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Ratings IECEx/ATEX/cUL

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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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Similar to illustration