

EX-SYMEGA-VO EARTHING SYSTEM

Zones 1, 2, 21, 22

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ATEX EARTHING SYSTEMS

ZONES 1, 2 (gas) & 21, 22 (dust)

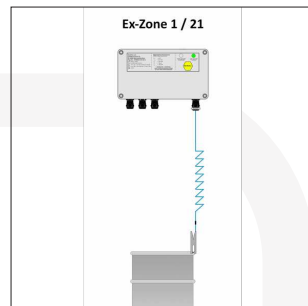


The earthing system Ex-SYMEGA-VO serves to avoid electrostatic charges in hazardous areas and ensures a secure connection of stationary and mobile, metallic or conductive and dissipative objects and a good earth.

This ATEX earthing system visualizes the presence of a good earth via green LED and, if connected, can enable or interrupt the subsequent process via potential-free changeover contacts.

The earthing system Ex-SYMEGA-VO can operate in two different variations:

Variation 1: Low-resistance measurement of 0...1 kOhm or 103 Ohm.
Variation 2: High-resistance measurement of 0...3 MOhm or 3x106 Ohm.



ITEM REFERENCES	
Designation:	Item No.:
Ex-SYMEGA-VO Earthing System	6D0601
5m Spiral Cable, Blue, 2 Core	6D0602
PROFI-line 123-2 Earthing Clamp	6D0603

TECHNICAL SPECIFICATIONS	
Marking:	II (1) 2G Ex eb ia mb IIC T4 Gb II (1) 2D Ex ia tb T120°C Db
Certificate:	EU-Type Examination Certificate
Operating voltage:	AC 85V to 264V DC 8V to 28V
Maximum voltage:	AC 275V DC 375V
Power consumption:	< 1W
Resistance Measurements:	Low: 0...1 kOhm or 103Ohm High: 0...3 MOhm or 3x106Ohm
2 Potential-free changeover contacts:	1NO + 1NC
Switching current per changeover contact (8V to 28V DC):	max. 2A
Switching current per changeover contact (85V to 264V AC):	max. 6A
Housing:	Aluminium
Housing dimensions:	220x122x90 mm
Housing seal:	EPDM (Silicone free)
Operating temperature:	-20°C to +40°C
Ingress protection:	IP64
Cable entries:	4 Plastic cable gland (non armoured cable). External diameter (5 - 9 mm)