



Heating jacket for IBC Container

In accordance with ATEX



description:

Heating jacket for use in potentially explosive atmospheres to heat various materials and maintain the operating temperature.

This heating jacket can be used in gas area zone 1 and 2 also in dust area zone 21 and 22.

feature:

- Ready to use
- Suitable for use inside and outside area (IP 64)
- flexible and easy mounting on standard 200l barrel
- Outer and inner jacket made of durable electrostatically dissipative material
- With fix mount capillary thermostat (controller / limiter-combination)
- Useable at low temperature down to -40°C

note:

Please note that the entire system must be checked and approved by an expert before commissioning! This article is not an ATEX-certified complete system and is supplied with type examination certificates of the electrical components used!

technical data

MIL-IBC1000-EX/K (EL)

nominal voltage	230 V AC
nominal power	2000 W (PTFE-insulated trace heater)
temperature control	EX-capillary (K) or electronic (EL) regulator-limiter combination
temperature class	T6 / T5 / T4 / T3 je nach Einstellung Regler/Begrenzer
temperature value	0 bis +190°C
min. environmental temperature	- 40 °C
max. environmental temperature	+ 60 °C
protection class	I
system of protection	IP 64
jacket material	electrostatically dissipative PTFE-coated fabric in black
mounting type	straps with quick-release fastener
power supply cable	3,0 m length without plug for fixed connection
EX marking	gas EX II 2G Ex e IIC Gb dust EX II 2D Ex tb IIIC Db
EU-type examination certificate	DMT 01 ATEX E 130 U (PTFE-insulated trace heater) EPS 11 ATEX 1 354 (EX-capillary r.-l. combination)

Essential health and safety requirements

EN 60079-0: 2012	General requirements
EN 60079-30-1: 2007	Electrical resistance trace heaters
EN 60079-31: 2009	Protection by housing "t"



Order type

type	voltage	power	order no.
MIL-IBC1000-EX/K	230 V	2000 W	42002336
MIL-IBC1000-EX/EL	230 V	2000 W	42002337



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