

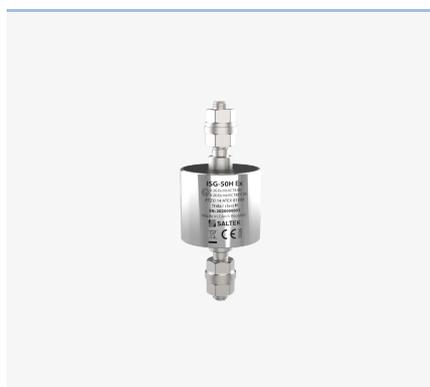
# ISG-50H Ex

## ISG - Isolating spark gaps / Ex environment

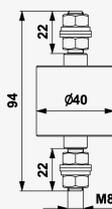
Isolation spark gap for Ex areas

two M8 bolts with nuts, stainless steel enclosure

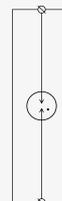
- heavy duty encapsulated isolating spark gap for use in Hazardous (Ex) Areas II 2G Ex mb IIC T6 Gb and II 2D Ex mb IIIC T80 °C Db
- for indirect connection (earthing) of isolated conductive parts under lightning conditions
- for safe installation in Ex zone 1 (gas) or 21 (dust)
- low DC withstand voltage



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Classification	class H - heavy duty
Isolation resistance	100.00 MΩ
Lightning impulse current	$I_{imp}$ 100.00 kA
Rated impulse sparkover voltage	$U_{imp}$ 0.90 kV
Rated power frequency withstand voltage	$U_{WAC}$ 0.035 kV
Rated DC withstand voltage	$U_{WDC}$ 0.050 kV
Degree of protection	IP 67
Range of ambient temperatures (min/max)	-40 / 50 °C
According to standard	EN 62561-3, EN 60079-0, EN 60079-18
Explosion-tested version	II 2G Ex mb IIC T6 Gb, II 2D Ex mb IIIC T80°C Db
ETIM Class	EC000510
Customs tariff number	85363090
EAN	8595090541318
Order number	A04131

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