

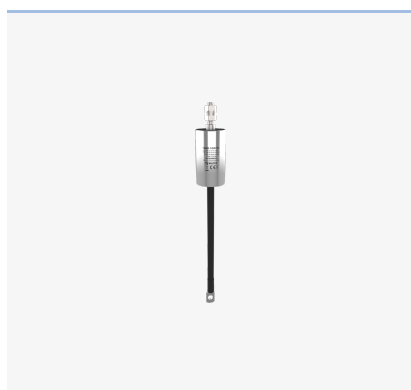
ISGO-100H Ex

ISG - Isolating spark gaps / Ex environment

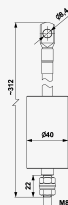
Isolation spark gap for Ex areas

connecting cable and M8 bolt with nut, stainless steel enclosure

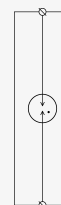
- heavy duty encapsulated isolating spark gap for use in Hazardous (Ex) Areas II 2G Ex mb IIC T6 Gb and II 2D Ex mb IIIC T80 °C Db
- for indirect connection (earthing) of isolated conductive parts under lightning conditions
- for safe installation in Ex zone 1 (gas) or 21 (dust)



Product dimensions



Basic circuit diagram



| Parameter name | | Parameter value |
|---|-----------|--|
| Classification | | class H - heavy duty |
| Isolation resistance | | 100.00 MOhm |
| Lightning impulse current | I_{imp} | 100.00 kA |
| Rated impulse sparkover voltage | U_{imp} | 0.95 kV |
| Rated power frequency withstand voltage | U_{WAC} | 0.070 kV |
| Rated DC withstand voltage | U_{WDC} | 0.100 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 | | 8595090561439 |
| Order number | | A06143 |

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