

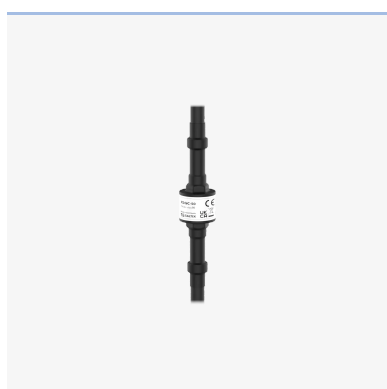
# ISGC-50

## ISG - Isolating spark gaps / Normal environment

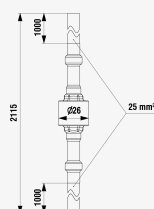
Isolation spark gap

connecting cables

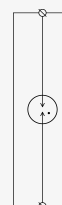
- encapsulated high-performance isolating spark gap
- for indirect connection (earthing) of isolated conductive parts under lightning conditions, where direct connection is not allowed
- very low DC withstand voltage



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Classification	class N - normal duty
Isolation resistance	100.00 MΩ
Lightning impulse current	$I_{imp}$ 50.00 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 / 80 °C
According to standard	EN 62561-3:2012, IEC 62561-3:2012
ETIM Class	EC000510
Customs tariff number	85363090
EAN	8595090553656
Order number	A05365