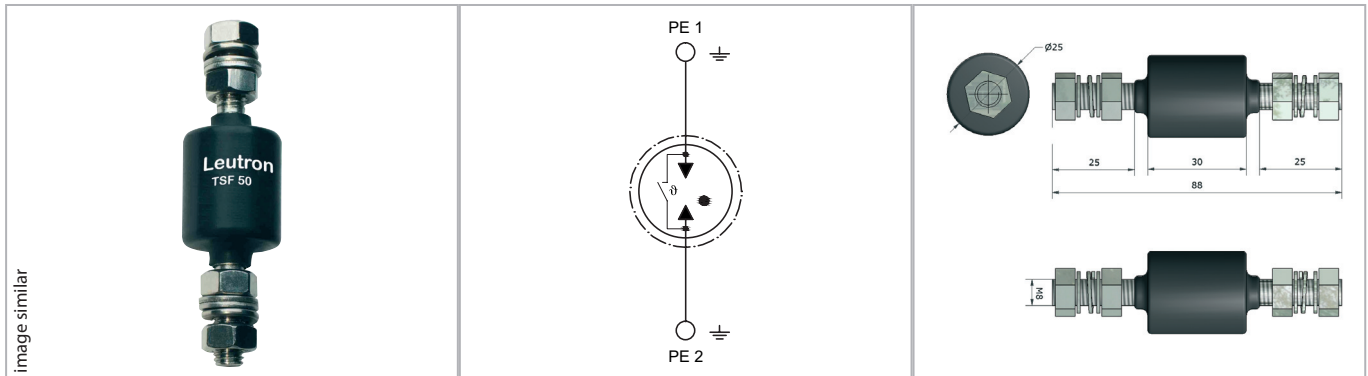


Datasheet

Rare-gas-filled insulation spark gaps

Flexible mounting



A rare-gas-filled spark gap for the lightning protection equipotential bonding, the insulation of electrically separated parts and the bridging of insulating flanges of gas pipelines. For internal or similar applications.

- High-quality industrial ceramics
- Rare-gas filled, hermetically sealed
- Free from radioactive substances
- High lightning current discharge capacity of 100 kA (10/350 μ s) (class H)
- High reliability, robust
- Stable performance, long service life
- Fail-safe characteristic
- Test standard DIN EN 62561-3:2018-02

Technical Data		TSF 50
IEC category		Class 1L
Nominal DC sparkover voltage at 100 V/s	U _{agN}	70 V ₌
Nominal AC sparkover voltage (50 Hz)	U _{aw}	50 \pm 15% V
Lightning impulse current (10/350 μ s)	I _{imp}	25 kA
Insulation resistance at 10 V, 100 V		1 G Ω
Self-capacitance at 1 kHz		typ. 6 pF
Test category/climatic category		DN IEC 60068-1, 40/90/21
Relative humidity		10% - 95% rh
Degree of protection		IP 67
Operating temperature range	TU	-40 - +70 °C
Type of connection		M8 bolt/nut (NIROSTA stainless steel)
Dimensions ($\emptyset \times L$)		25 \times 87,5 mm

Order Data

Product	TSF 50
Article-No.	44 90 60