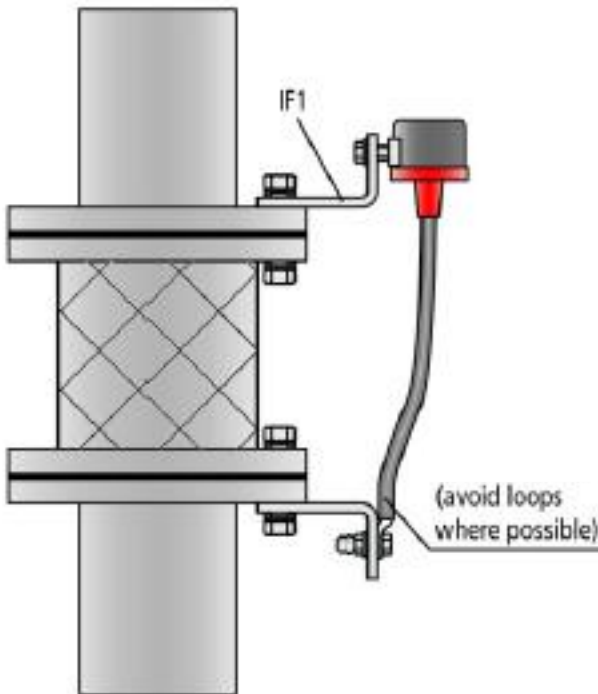
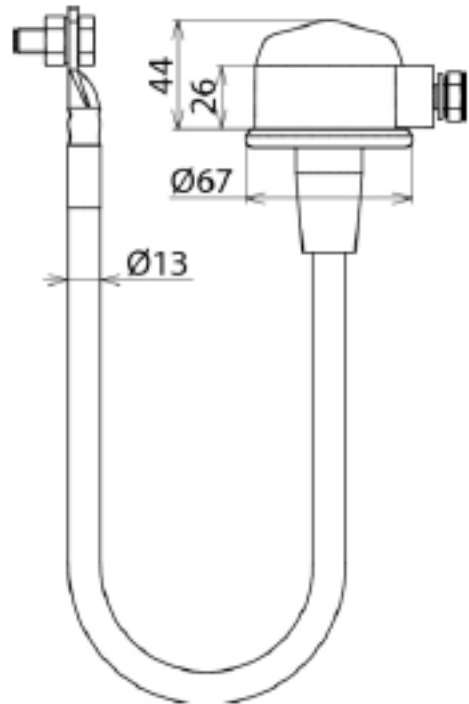


SPARK GAPS

- For indirect connection / earthing of functionally isolated parts of installations under lightning conditions
- For lightning equipotential bonding according to IEC 62305 in hazardous areas (zone 2)
- Approval according to ATEX directive 94/9/EC and IECEx



DATASHEET 2.3

SPARK GAPS

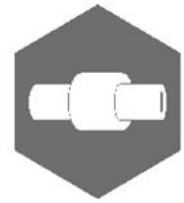


BAC[®]

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MODEL EXFS L100 TECHNICAL INFORMATION

Type EXFS L100	
Isolating spark gap according to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current	(10/350 μ s) (Iimp) 50 kA
Class (lightning current carrying capability)	N
Rated power-frequency withstand voltage	(50 Hz) (UwAC) 300 V
Rated impulse sparkover voltage	(Ur imp) \leq 2.5 kV
Operating temperature range (TU)	-20 °C ... +80 °C
Degree of protection	IP 54
ATEX approvals	DEKRA 11ATEX0146 X
Ex marking according to EN 60079-0 and EN 60079-15:	gas II 3 G Ex nC IIC T4 Gc
IECEX approvals	IECEX DEK 11.0063X
Ex marking according to EN 60079-0	Ex nC IIC T4 Gc
Enclosure length	90 mm
Enclosure diameter	63 mm
Enclosure material	zinc die-cast, plastic
Connecting cable	H01N2-D 25 mm ² with cable lug and screw / nut (M10)
Cable length	100 mm
Suitable for flange size	tbc
Extended technical data:	
- Nominal discharge current	(8/20 μ s) (In) 100 kA
- Power frequency sparkover voltage	(50 Hz) (Uaw) \leq 1.2 kV
Weight	733 g
Customs tariff number	85369085
GTIN	4013364038912
PU	1 pc(s)