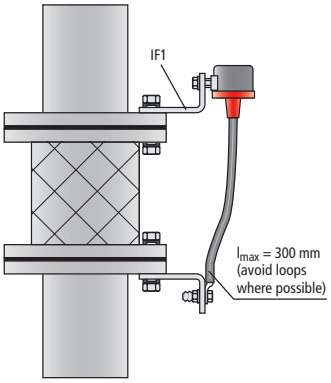
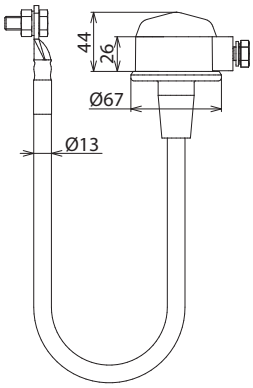
EXFS L100 (923 060)

- 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 2014/34/EU and IECEx





Basic circuit diagram



Dimension drawing

Ex isolating spark gap for aboveground installation.

Type	**EXFS L100**
Part No.	**923 060**
Isolating spark gap acc. to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) (I_{imp})	50 kA
Lightning-current-carrying-capability class	N
Rated power-frequency withstand voltage (50 Hz) (U_{wAC})	300 V
Rated impulse sparkover voltage ($U_{r\,imp}$)	≤ 2.5 kV
Operating temperature range (T_U)	-20 °C ... +80 °C
Ambient temperature range when used in hazardous areas	-20 °C ... +60 °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 mm² with cable lug and screw / nut (M10)
Cable length	100 mm
Suitable for flange size	20-130 mm
Extended technical data	
Nominal discharge current (8/20 µs) (I_n)	100 kA
Power frequency sparkover voltage (50 Hz) (U_{aw})	≤ 1.2 kV

Masterdata	
Net weight	725 g/pc(s)
GTIN	4013364038899
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85369095

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component