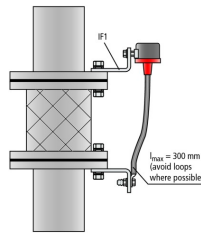


**EXFS L100 (923 060)**

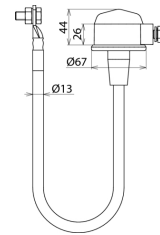
- For indirect connection / earthing of functionally isolated parts of installations under lightning conditions
- For lightning equipotential bonding according to IEC 62305 in hazardous areas (zone 2)
- Approval according to ATEX directive 2014/34/EU and IECEx



Figure without obligation



Installation of EXFS L100



Dimension drawing EXFS L100

Ex isolating spark gap for aboveground installation.

Type	EXFS L100
Part No.	923 060
Isolating spark gap according to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) ( $I_{imp}$ )	50 kA
Class (lightning current carrying capability)	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 mm <sup>2</sup> 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) ( $U_{sw}$ )	≤ 1.2 kV
Weight	725 g
Customs tariff number (Comb. Nomenclature EU)	85369095
GTIN	4013364038899
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.