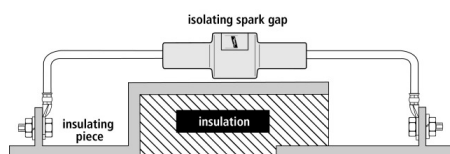


## EXFS 100 KU (923 101)

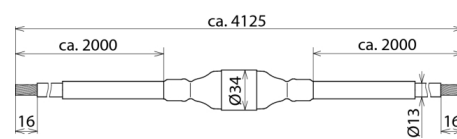
- For indirect connection / earthing of functionally isolated parts of installations under lightning conditions
- Device for lightning equipotential bonding according to IEC 62305 in hazardous areas
- Approval according to ATEX Directive 94/9/EC and IECEx



Figure without obligation



Installation of EXFS 100 KU



Dimension drawing EXFS 100 KU

Ex isolating spark gap with connecting cable for aboveground and underground installation; with water-proof sheath; can be shortened for short connecting cables.

Type	EXFS 100 KU
Part No.	923 101
Isolating spark gap according to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	100 kA
Class (lightning current carrying capability)	H
Rated power-frequency withstand voltage (50 / 60 Hz) ( $U_{wac}$ )	250 V
Rated impulse sparkover voltage ( $U_{r,imp}$ )	$\leq 1.25$ kV
Operating temperature range ( $T_U$ )	-40 °C ... +60 °C
Temperature range during installation	-5 °C ... +50 °C
Degree of protection	IP 67
Approvals	UL
ATEX approvals	DEKRA 11ATEX0178 X
Ex marking according to EN 60079-0 and EN 60079-1: gas	II 2 G Ex d IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	II 2 D Ex tb IIIC T80 °C Db IP 66/67
IECEx approvals	IECEx KEM 09.0051X
Ex marking according to EN 60079-0 and EN 60079-1: gas	Ex d IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	Ex tb IIIC T80 °C Db IP 66/67
Inmetro approvals	TÜV 17.0698 X
Ex marking according to EN 60079-0 and EN 60079-1: gas	Ex db IIC T6 Gb
Ex marking according to EN 60079-0 and EN 60079-31: dust	Ex tb IIIC T80 °C Db IP 66/67
Enclosure length	123 mm
Enclosure diameter	34 mm
Enclosure material	water-proof plastic sheath
Connection of enclosure	NY-Y-J-1x25 mm <sup>2</sup>
Cable length	2x approx. 2000 mm
Extended technical data:	-----
- Rated discharge current (50 / 60 Hz) ( $I_{max}$ )	500 A / 0.2 sec.
- Noimnal discharge current (8/20 $\mu$ s) ( $I_n$ )	100 kA
- Power frequency sparkover voltage (50 / 60 Hz) ( $U_{aw}$ )	$\leq 0.5$ kV
Weight	1,98 kg
Customs tariff number (Comb. Nomenclature EU)	85369095
GTIN	4013364108332
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.