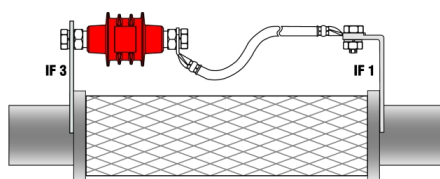


## EXFS 100 (923 100)

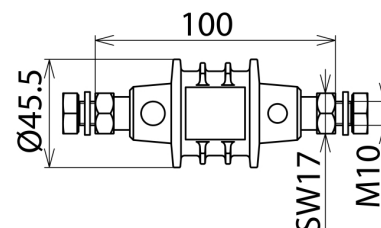
- For indirect connection/earthing of functionally isolated parts of installations under lightning conditions
- For lightning equipotential bonding according to IEC 62305 in hazardous areas
- Approval according to "ATEX Directive" 94/9/EC and IECEx



Figure without obligation



Installation of EXFS 100



Dimension drawing EXFS 100

Isolating spark gap for use in hazardous areas with plastic sheath and M10 threaded screws

Type	EXFS 100
Part No.	923 100
Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	100 kA
Class of lightning current carrying capability acc. to EN 50164-3	H
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	100 kA
Rated power-frequency withstand voltage (50 Hz) ( $U_{wAC}$ )	250 V
Lightning impulse sparkover voltage ( $U_{r imp}$ )	$\leq 1.25$ kV
Power-frequency sparkover voltage (50 Hz) ( $U_{aw}$ )	$\leq 0.5$ kV
Rated discharge current (50 Hz) ( $I_{max}$ )	500 A / 0.5 sec. ( $T_U \leq 45^\circ\text{C}$ )
Operating temperature range ( $T_U$ )	$-20^\circ\text{C} \dots +60^\circ\text{C}$
Degree of protection	IP 67
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
Enclosure length	100 mm
Enclosure diameter	45.5 mm
Enclosure material	plastic sheath
Connection of enclosure	M10 threaded bushing, 2x M10x25 mm, 2x spring washer
Weight	289 g
Customs tariff number	85369085
GTIN	4013364108325
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.