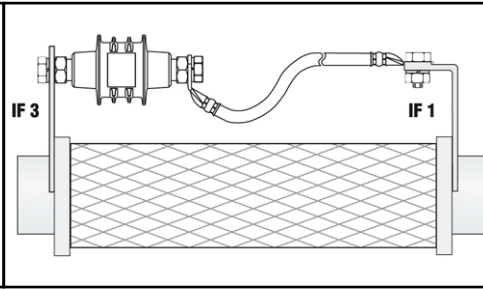


Dimension drawing EXFS 100



Installation of EXFS 100



EXFS 100: Isolating spark gap for use in explosion-hazard areas with plastic coating and M10 connecting thread nuts

- For indirect connection/earthing of functionally isolated installation components when being affected by lightning
- Device for lightning equipotential bonding according to IEC 62305 in explosion-hazard areas
- For bridging insulating pieces, insulating flanges etc. in cathodically corrosion-protected pipe sections
- For safe application in explosion protected zone 1 (gases) or 21 (dusts)
- Especially low sparkover voltage
- Especially high a.c. current withstand capability

EXFS 100	
Lightning impulse current (10/350 µs) [I _{imp}]	100 kA
Class of lightning impulse current strength acc. to EN 50164-3	H
Nominal discharge current (8/20 µs) [I _n]	100 kA
Rated power-frequency withstand voltage (50 Hz) [U _{W/AC}]	250 V
100% Lightning impulse sparkover voltage [U _{rimp}]	≤ 1.25 kV
Power-frequency sparkover voltage (50 Hz) [U _{aw}]	≤ 0.5 kV
Rated discharge current (50 Hz) [I _{max}]	500 A / 0.5 sec. (T _U : ≤ 45°C)
(Ex) Marking acc. to EN 60079 (gases)	II 2G Ex d IIC T6
(Ex) Marking according to EN 61241 (combustible dust)	II 2D Ex tD A21 IP67 T 80°C
Operating temperature range [T _U]	-20°C...+60°C
Degree of protection	IP 67
Approvals, Certifications	BVS 06 ATEX E 099
Length of enclosure	100 mm
Diameter of enclosure	45,5 mm
Enclosure material	plastic coating
Connection of enclosure	thread nut M10, 2x M10x25 mm, 2x spring washer
Ordering information	
Type	EXFS 100
Part No.	923 100
Packing unit	1pcs.

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.