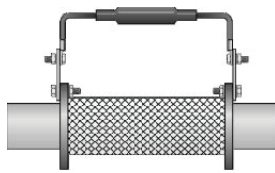
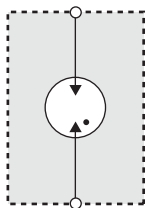


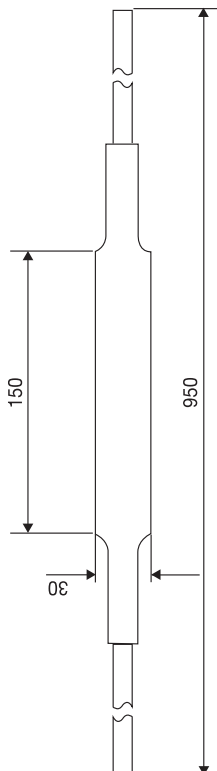
## EPZ 100 Ex



Mounting



Connection diagram



Dimension

Location of use	Exposed environment or direct burial
Protection element	GDT
Max. discharge current (8/20)	$I_{max} = 100 \text{ kA}$
Appearance	Corrosion resistant enclosure with hermetic environmental seal and flying leads for ease of connection

### Technical data

Type	EPZ100 Ex/xxx		
Protection element		Gas Discharge Tube	
DC Sparkover voltage(100 V/s)	U <sub>ss</sub>	350 V	500 V
Impulse sparkover voltage(1kV/ $\mu$ s)	U <sub>sd</sub>	1,000 V	1,500 V
Max. discharge current(8/20 $\mu$ s)	I <sub>max</sub>	100 kA	100 kA
Insulation resistance(100 V)		> 1G $\Omega$	
Capacitance(1MHz)		< 10pF	

### Dimensions

Nom. Outer diameter	28mm
Nom. Length	140mm
Length with cables	1m approx.

### Cable

Cross sectional area	16mm <sup>2</sup>
Length	450mm approx.
Number of conductors	$\geq 462/0,21$
Insulation	Double insulated
Environmental protection	UV stabilised, flame retardant
Resistant	Acids, solvents and oils
Connection	Suitable for screw or lug termination

### Physicals

Housing	IP 67
Application	Below / above grade
Weight	0,5kg approx.
Operating temperature	- 40°C ~ + 80°C
Connections	Electrical connections must be terminated in a suitably certified enclosure or safe areas