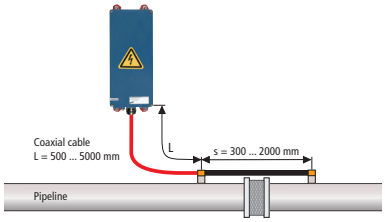
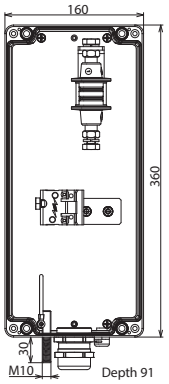
NAK SN4631 (999 990)

- Voltage drop on the connecting cable is up to three times lower than in case of a conventional connecting cable
- Version for lightning equipotential bonding according to IEC 62305 in hazardous areas
- For bridging insulating joints in cathodically protected pipe sections of pipelines





Basic circuit diagram



Dimension drawing

Coaxial connection of isolating spark gaps with a low sparkover voltage for lightning equipotential bonding according to IEC 62305.

Type	**NAK SN4631**
Part No.	**999 990**
General	
Recommended cable, part no. S06771 (not included in delivery)	N2XSY 01X35/16 6/10 kV RT
EXFS coaxial connection box	
Enclosure material	Aluminium
Dimensions	160 x 360 x 91 mm
Degree of protection	IP 67 (UV-beständig)
Cable entry / fixing	1 x M40
Earthing screw (for maintenance purposes)	M10 x 30 (stainless steel)
EXFS 100 spark gap (integrated in EXFS coaxial connection box)	
Isolating spark gap acc. to EN 62561-3 / IEC 62561-3	yes
Lightning impulse current (10/350 µs) (I_{imp})	100 kA
Class (lightning current carrying capability) acc. to EN / IEC 62561-3	H
Nominal discharge current (8/20 µs) (I_n)	100 kA
Rated power-frequency withstand voltage (50 / 60 Hz) (U_{wAC})	250 V
Rated impulse sparkover voltage (U_{rimp})	≤ 1.25 kV
Power-frequency sparkover voltage (50 / 60 Hz) (U_{aw})	≤ 0.5 kV
Rated discharge current (50 / 60 Hz) (I_{max})	500 A / 0.2 sec.
Operating temperature range (T_U)	-20 °C ... +60 °C
Degree of protection	IP 67 (UV-beständig)
Connection of enclosure	M10 threaded bushing, 2x M10x25 mm, 2x spring washer

Masterdata	
Net weight	5.07 kg/pc(s)
GTIN	4013364153776
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85371098

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.