

Simply Safer: Halogen-free Cables

Products from LINK GmbH installed in Berlin Palace

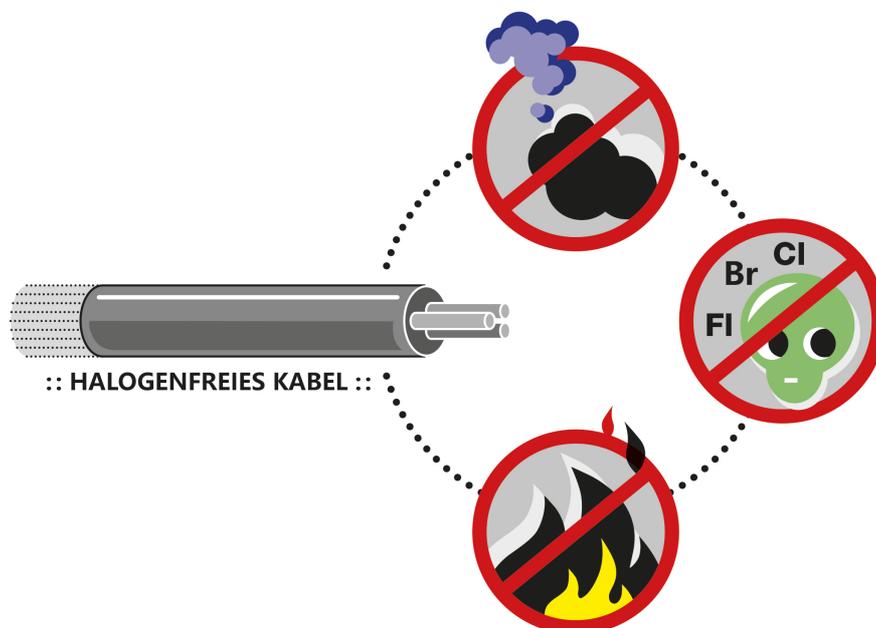
Halogens include fluorine, chlorine and bromine. Some of these elements can be found in common cable insulation materials – for instance, chlorine can be found in PVC cables. In the event of fire, they pose a threat to life because they may produce heavy smoke and highly poisonous gases when exposed to heat. For sensitive public buildings such as airports or hospitals, calls for construction tenders therefore require the use of halogen-free materials. The same is true for the renovations of the Berlin Palace, the Humboldt Forum, which are set to finish soon. At the Palace, magnetic contacts with halogen-free cables from LINK GmbH not only protect against break-ins, but also help to keep people safe.

LINK has been producing door loops and magnetic contacts with halogen-free cables for 20 years now, and was one of the first manufacturers to do so. For the cable insulation, the company uses a compound consisting of polypropylene and polyurethane (PP/PUR). The cables are flame-retardant – in the event of fire, they produce little smoke and practically no toxic gases that could pose a serious risk to people or damage buildings and equipment. These properties are particularly important for lines that are left exposed such as door loops and magnetic contacts.

The standard LINK range includes four-wire to eight-wire halogen-free door loops. Alongside type-M 12 90 and M 12 91 door loops, it also includes type-M 13 34 and type-M 13 35 detachable miniature door loops that can be installed hidden in the window or door rebate.

Upon consultation, LINK can supply practically all its magnetic contacts with halogen-free cables.

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About LINK:

LINK GmbH develops and manufactures high-quality components for security technology and building automation. The story of this family-run, medium-size, high-tech company began in 1967 with the production of custom-made magnetic contacts. Based in the town of Butzbach near Frankfurt, Germany, the company has grown into one of the largest manufacturers of magnetic contacts with VdS and EN certification in the German-speaking world. It combines consulting, development, design and production for both its own range of products and OEMs and ODMs at its Butzbach facilities. LINK sensors sit practically imperceptibly in windows and doors and control alarm technology, air-conditioning systems and other processes for a huge range of buildings including the Reichstag government buildings in Berlin and the European Central Bank in Frankfurt.