



# Declaration of Halogen Free Compliance

## Quality Statement

To Whom It May Concern,

The International Electrotechnical Commission (IEC) defines halogen free based upon the content level of chlorine and bromine as defined by industry specifications IEC61249-2-21 and IPC-4101B. Products are classified and declared halogen free providing they meet following content restriction.

Halogen	Industry Specification
Chlorine (Cl)	< 900 ppm
Bromine (Br)	< 900 ppm
Chlorine (Cl) + Bromine (Br)	< 1500 ppm

Halogens are a group of six chemical elements. The substances Fluorine, Bromine and Chlorine are applicable to electromechanical components. The other three elements Iodine, Astatine and Unuseptium are in significant for technical applications.

Especially in the case of fire, Bromine and Chlorine may form corrosive and/or toxic compounds. For this reason, the demand for halogen free technology is increasing.

FLEX Connection strives to provide customers with halogen free products. Halogens are mainly used as a flame retardant in plastics. Memcon therefore utilizes wherever possible plastics without halogenated flame retardants which offer comparable protection.

Yours sincerely,  
**FLEX CONNECTION LTD.**

*Martin Gilbert*

MARTIN GILBERT  
 DIRECTOR